TOSHIBA

MULTIFUNCTIONAL DIGITAL SYSTEMS

Printing Guide

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e-STUDIO165/205

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Preface

Thank you for purchasing the TOSHIBA multifunctional digital system e-STUDIO165/205.
This **Printing Guide** is a manual for the e-STUDIO165/205 when the following option is installed:

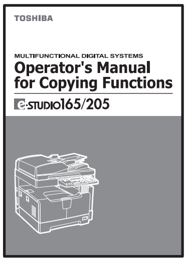
- Network Printer Kit

With this option, this equipment can be used as a network printer when print data are sent from client computers to this equipment. This **Printing Guide** describes how to install client software required for the various printing functions of this equipment, and how to configure the printing environments. This manual also describes how to print documents under Windows, Macintosh or UNIX environments and how to manage print jobs.
For the setup information of each client computer and a network server to use this equipment as a network printer, see the **Network Administration Guide for Printing Functions**. For the general descriptions of your computer, application software and networks, see a manual attached on each product.

Be sure to read this manual before you use the printing functions. Keep this manual handy and retain it for future reference.

Lineup of Our Manuals

These manuals are provided for the operation of the e-STUDIO165/205. Select and read the manual best suited to your needs.



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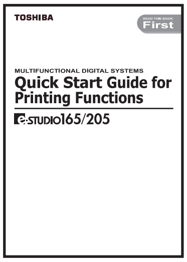
MULTIFUNCTIONAL DIGITAL SYSTEMS
Operator's Manual for Copying Functions
e-STUDIO165/205

Operator’s Manual for Copying Functions
This manual describes the basic operations, mainly copying functions, of this equipment. It also describes safety precautions to ensure correct and safe use of this equipment. Be sure to read this before you use the equipment.



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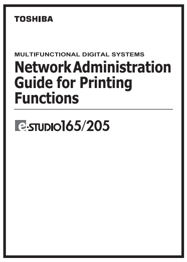
READ THIS BOOK First

MULTIFUNCTIONAL DIGITAL SYSTEMS
Quick Start Guide for Printing Functions
e-STUDIO165/205

Quick Start Guide for Printing Functions
This manual describes the operation of the equipment when the Network Printer Kit (optional) is installed on it. This also explains about the accessories, conditions required for network systems, connecting method of the network, general description of network settings and troubleshooting.



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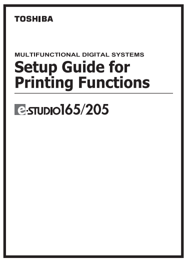
MULTIFUNCTIONAL DIGITAL SYSTEMS
Network Administration Guide for Printing Functions
e-STUDIO165/205

Network Administration Guide for Printing Functions (PDF)
This manual is only for the equipment on which the Network Printer Kit (optional) is installed. This provides you with setup procedures by the type of platforms or networks you are utilizing, and also setup procedures for network servers to enable various network services.



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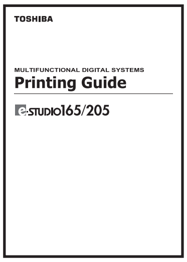
MULTIFUNCTIONAL DIGITAL SYSTEMS
Setup Guide for Printing Functions
e-STUDIO165/205

Setup Guide for Printing Functions (PDF)
This manual is only for the equipment on which the Network Printer Kit (optional) is installed. The manual consists of the following 2 parts:
Settings Using Control Panel:
This part describes the printer-related settings using the [PRINTER] and [USER FUNCTIONS] buttons on the control panel of this equipment.
Settings Using TopAccess:
This manual describes how to set up this equipment from your computer through a network using a web-based utility TopAccess. This also explains about functions to check the current status of this equipment.



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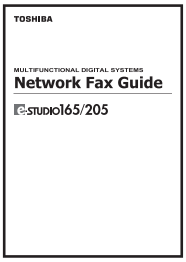
MULTIFUNCTIONAL DIGITAL SYSTEMS
Printing Guide
e-STUDIO165/205

Printing Guide (PDF) (This manual)
This manual is only for the equipment on which the Network Printer Kit (optional) is installed. This describes how to install client software for printing data to your computer. This also describes how to print data sent from your computer to this equipment.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MULTIFUNCTIONAL DIGITAL SYSTEMS
Network Fax Guide
e-STUDIO165/205

Network Fax Guide (PDF)
This manual is only for the equipment on which the Fax Kit (optional), the External Keyboard (optional) and the Network Printer Kit (optional) are installed. This explains about the network Fax functions, which enable Fax transmissions from a client computer through a network.

To read manuals of PDF (Portable Document Format) files

Viewing and printing this operator‘s manual of PDF files require that you install Adobe Reader or Adobe Acrobat Reader on your PC. If Adobe Reader or Adobe Acrobat Reader is not installed on your PC, download and install it from the website of Adobe Systems Incorporated.

Before Reading This Manual

Precautions in this manual

To ensure correct and safe use of this equipment, this operator's manual describes safety precautions according to the three levels shown below.
You should fully understand the meaning and importance of these items before reading this manual.

Warning	Indicates a potentially hazardous situation which, if not avoided, could result in death, serious injury, or serious damage, or fire in the equipment or surrounding assets.
Caution	Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury, partial damage of the equipment or surrounding assets, or loss of data.
Note	Indicates information to which you should pay attention when operating the equipment.

Other than the above, this manual also describes information that may be useful for the operation of this equipment with the following signage:

Tip	Describes handy information that is useful to know when operating the equipment.
📖	Pages describing items related to what you are currently doing. See these pages as required.

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- The official name of Windows 98 is Microsoft Windows 98 Operating System.
- The official name of Windows Me is Microsoft Windows Me Operating System.
- The official name of Windows 2000 is Microsoft Windows 2000 Operating System.
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OVERVIEW

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Features and Functions

The printing features are available only when the Network Printer Kit is installed.

Extensive client platform support

This equipment supports printing from IBM-compatible PC, Macintosh, and UNIX workstations. Not all features are supported on all platforms, however.

Various port options

You can map this equipment to print to an IPP, Raw TCP, or LPR port.

Multiple job types

Job Types refer to the way this equipment handles a print job.

- Normal mode requires no special handling and is the most frequently used printing mode.
- Overlay Image File prints a document element, such as text or graphics, to a file for superimposing on other documents.

Sophisticated document layout and assembly options

You can choose whether to print your document as you have set it up in the application, or to impose printer-driven document layout options such as printing in Book Format or printing Multiple Pages per Sheet.
Additionally, the printer drivers provide the ability to print the front cover and back cover on different media.

Watermark and image overlay support

Watermarks are a great way to subtly convey useful information about your printed documents. Common watermarks are “Confidential,” “Draft,” and “Original.” Several watermarks have been pre-defined for use with your documents, or you can create and save your own custom watermarks.
Watermarks consist of text. Image Overlays can be any combination of text, graphics or other document elements.
Printing watermarks consumes fewer resources than using Image Overlays, so you should use watermarks wherever possible, particularly when printing speed is an issue.

Tip

As for watermark printing and overlay image printing, the data in the computer are used. 3 standard watermarks are provided for these features.

About the Client CD-ROM

For Windows

The contents of the Client Utilities CD-ROM for printing:

Client software installer

- [Client Utilities CD-ROM]:\Client\setup.exe
  This is the setup program to install the printer drivers on your computer.

The Font Manager is provided in the Client Utilities CD-ROM that comes with the Network Printer Kit.

PCL6 printer drivers

- [Client Utilities CD-ROM]:\9X_ME\PCL6\<language>\
  This includes the setup files to install the PCL6 printer driver on the Windows 98/Me for each language version by Add Printer Wizard or Plug and Play.
- [Client Utilities CD-ROM]:\NT\PCL6\<language>\
  This includes the setup files to install the PCL6 printer driver on the Windows NT 4.0 for each language version by Add Printer Wizard.
- [Client Utilities CD-ROM]:\W2K_XP_2003\PCL6\<language>\
  This includes the setup files to install the PCL6 printer driver on the Windows 2000/XP/Server 2003 for each language version by Add Printer Wizard or Plug and Play.

PS3 printer drivers (PostScript)

- [Client Utilities CD-ROM]:\9X_ME\PS\<language>\
  This includes the setup files to install the PS3 printer driver on the Windows 98/Me for each language version by Add Printer Wizard or Plug and Play.
- [Client Utilities CD-ROM]:\NT\PS\<language>\
  This includes the setup files to install the PS3 printer driver on the Windows NT 4.0 for each language version by Add Printer Wizard.
- [Client Utilities CD-ROM]:\W2K_XP_2003\PS\<language>\
  This includes the setup files to install the PS3 printer driver on the Windows 2000/XP/Server 2003 for each language version by Add Printer Wizard or Plug and Play.

Tip

Further information about user software for Windows is described in next chapter.
📖 P.20 “About client software for windows”

For Macintosh

The contents of the Client Utilities CD-ROM for printing:

Macintosh PPD files

- [Client Utilities CD-ROM]:MacPPD:OS9:<language>
  This includes the PPD file for Apple LaserWriter8 to enable printing from Macintosh on the Mac OS 8.6, Mac OS 9.x, and Mac OS X 10.1/10.2 Classic Mode
- [Client Utilities CD-ROM]:MacPPD:OSX
  This includes the PPD file for Apple LaserWriter8 to enable printing from Macintosh on the Mac OS 8.6, Mac OS 9.x, and Mac OS X 10.1/10.2 Classic Mode, the PPD file to enable printing from Macintosh on the Mac OS X 10.2.4 to Mac OS X 10.4.x.

Tip

Further information about user software for Macintosh is described in next chapter.
📖 P.111 “About client software for Macintosh”

For UNIX

The contents of the Client Utilities CD-ROM for printing:

CUPS PPD files

- [Client Utilities CD-ROM]/Admin/CUPS/
  This includes the CUPS PPD files for UNIX.

Tip

Further information about user software for UNIX is described in next chapter.
📖 P.138 “About CUPS”

Acceptable Media Types

This section explains about the media types acceptable for printing documents with this equipment. The media types, which are acceptable for printing data from client computers to this equipment, are the same as the ones acceptable for copying with this equipment, except for envelopes. Envelopes can be used only for printing data from client computers.

Types of paper

The media types and paper sizes shown in the table below are acceptable for the drawers of this equipment, the Paper Feed Unit (optional) and the Paper Feed Pedestal (optional).

Acceptable types of paper for copying and printing data sent from client computers

Feeder	Media type	Paper size	Maximum sheet capacity *1
Drawers of the equipment and Paper Feed Unit (optional)	Plain paper (64 - 80 g/m^2)/(17-20 lb. Bond)	A/B format: A3, A4, A4-R, B4, B5, B5-R, FOLIO LT format: LD, LG, LT, LT-R, COMP, 13"LG	250 sheets (64 g/m^2)/(17 lb. Bond) 250 sheets (80 g/m^2)/(20 lb. Bond)
Drawers of the Paper Feed Pedestal (optional)	Plain paper (64 - 80 g/m^2)/(17-20 lb. Bond)	A/B format: A3, A4, A4-R, A5-R, B4, B5, B5-R, FOLIO LT format: LD, LG, LT, LT-R, ST-R, COMP, 13"LG	550 sheets (64 g/m^2)/(17 lb. Bond)
			550 sheets (80 g/m^2)/(20 lb. Bond)
Bypass tray	Plain paper (64 - 80 g/m^2)/(17-20 lb. Bond)*2	A/B format: A3, A4, A4-R, A5-R, B4, B5, B5-R, FOLIO LT format: LD, LG, LT, LT-R, ST-R, COMP, 13"LG	100 sheets (64 g/m^2)/(17 lb. Bond) 100 sheets (80 g/m^2)/(20 lb. Bond)
	THICK PAPER 1 (81 - 105 g/m^2)/(21-28 lb. Bond)*3		1 sheet (81 - 105 g/m^2)/(21-28 lb. Bond)
	THICK PAPER 2 (106 - 163 g/m^2)/(29 lb. Bond – 90 lb. Index)*3		1 sheet (106 - 163 g/m^2)/(29 lb. Bond – 90 lb. Index)
	Tracing paper (75 g/m^2)/(20 lb.)*3		1 sheet
	Sticker labels*3		1 sheet
	Transparencies*3, *4	A4 only/LT only	1 sheet

*1 "Maximum sheet capacity" refers to the maximum number of sheets acceptable when TOSHIBA-recommended paper is used. For TOSHIBA-recommended paper, see the **Operator's Manual for Copying Functions**.

*2 The paper of 50 to 63 g/m^2 (13 to 16 lb.) Bond can be used if it is set on the bypass tray one by one.

*3 Automatic duplex printing is not available.

*4 Be sure to use the overhead transparencies that TOSHIBA recommends. When transparencies other than the TOSHIBA-recommended ones are used, this could cause an equipment malfunction.

Notes

- You cannot mix various paper sizes in one drawer.
- "LT format" is a standard size used in North America.

Tip

Abbreviations for LT format sizes:
LT: Letter, LD: Ledger, LG: Legal, ST: Statement, COMP: Computer, SQ: Square

Acceptable types of envelopes (printed from client computers)

Paper source	Size	Recommended envelopes
Bypass tray	COM10 (4 1/8” x 9 1/2”)	Westvaco Columbian CO138
	Monarch (3 7/8” x 7 1/2”)	Mailwell No. 553
	DL (110 mm x 220 mm)	-
	CHO-3 (120 mm x 235 mm)	-
	YOU-4 (105 mm x 235 mm)	-

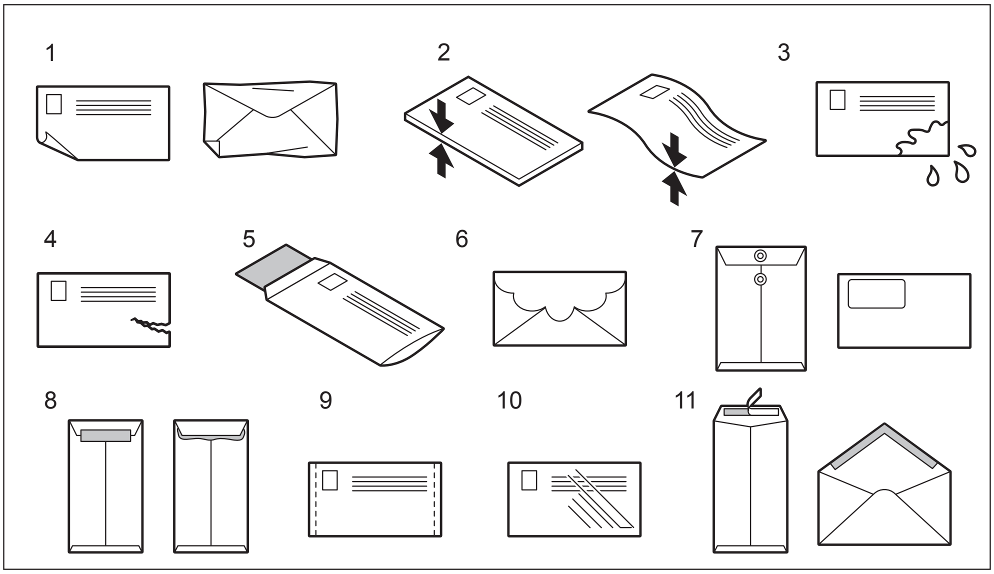
To print on envelopes

Envelopes not acceptable

Do not use the following envelopes or misfeeding or damage to the equipment could result:

* See illustrations below with the number corresponding to the following item number:

1. Badly curled, wrinkled or folded envelopes
2. Extremely thick or thin envelopes
3. Wet or damp envelopes
4. Torn envelopes
5. Envelopes which include the contents
6. Non-standard size envelopes (ones with a special shape)
7. Envelopes with eyelets or windows
8. Sealed envelopes with paste or tape
9. Partly-opened or perforated envelopes
10. Envelopes with special coating on the surface
11. Envelopes with glue or double-sided adhesive tape

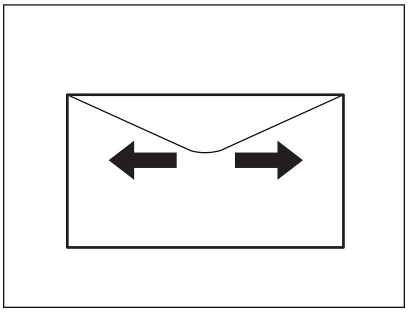


Printing procedure

Note

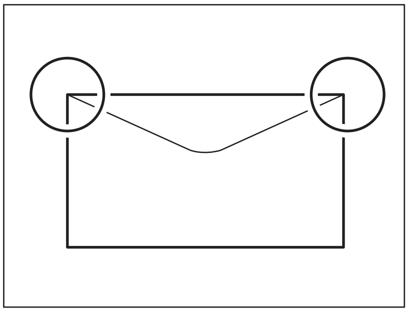
Printing on envelopes is available only when Windows computers are used.

1 **Place a single envelope on a flat clean surface, and then press it with your hands in the direction of the arrows to let the air out of it.**



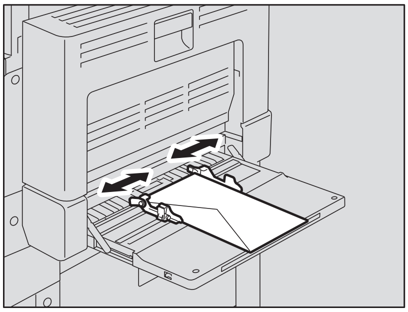
Notes

- If the edges of the envelope are bent, straighten them.
- Press the flaps of the envelope well to prevent them from becoming rolled up.



2 Place the envelope face down and horizontally on the bypass tray. Then align the side guides to the size of the envelope.

Place the envelope with the flap in front.



Note

Do not print on the back side of the envelope. This could create an envelope jam or staining, or even contaminate the inside of this equipment.

3 The client computer selects the type of the envelope placed on the bypass tray, and then printing starts.

Printing on envelopes is available only when Windows computers are used. For the printing procedure from Windows computers, see the following page:
📖 P.154 “Printing from Windows”

2

INSTALLING CLIENT SOFTWARE

This section describes the instructions on how to install the client software on Windows, Macintosh, or UNIX.

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Installing Client Software for Windows

This section provides instructions for configuring the printing systems on Windows computers.

About client software for windows

Printer drivers

Printer drivers are software components that enable application programs to interact with the printer. The e-STUDIO205 Series comes with two printer drivers, PCL6 and PS3 (PostScript) printer drivers. These printer drivers offer document print, layout and assembly functions that are not available with many applications.

Font manager

This utility allows you to install and manage the TrueType fonts that are corresponding to the internal PS fonts on the equipment.

Note

Font Manager is provided in the Client Utilities CD-ROM.

Planning for installation

This section will help you to plan an installation suited to your environment. Before installing the client software, read this section.

Before installing client software

Before installing the client software, confirm the followings to perform an appropriate installation.

— When same printer drivers have been installed

Before updating the printer drivers, please delete the printer drivers.
📖 P.105 “Uninstalling client utilities software”

Type of printer drivers

- **PCL6 printer driver** — for printing gray scale documents that use TrueType fonts, such as a Microsoft Word.
- **PS3 printer driver** — for high-graphical-content documents that use PostScript fonts and graphics, such as Adobe PageMaker.

System requirements

To install the printer drivers and other client software on a Windows workstation, the following is required.

- **Display resolution**
  1024 x 768 dots or more
- **Display color**
  High Color (16bit) or higher is recommended
- **CPU**
  Pentium 133 MHz minimum (Pentium 266 MHz or faster recommended)
- **Memory**
  64MB for Windows 98
  96MB for Windows Me and Windows NT 4.0
  128MB for Windows 2000/XP/Server 2003

The applicable computers depend on the printing systems:

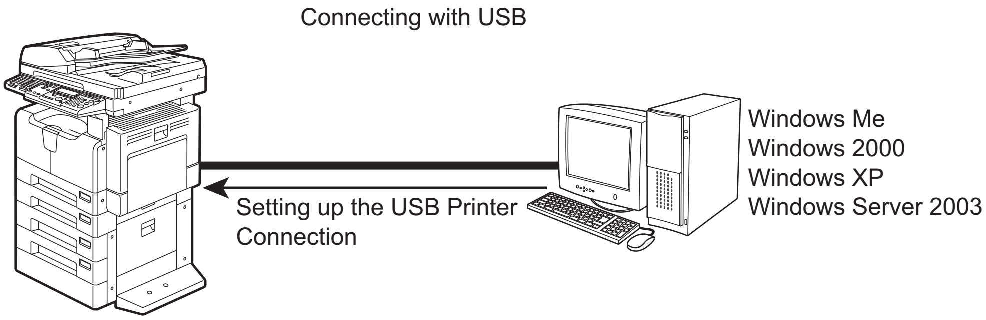
- **Raw TCP/LPR printing**
  Windows NT 4.0 Service Pack 6a (LPR printing only)
  Windows 2000 Service Pack 4
  Windows XP Service Pack 1
  Windows Server 2003
- **IPP printing**
  Windows 98
  Windows Me
  Windows 2000 Service Pack 4
  Windows XP Service Pack 1
  Windows Server 2003

About installation procedure

Please find the installation procedure suited to your environment from the following:
📖 P.22 “USB connection”
📖 P.22 “Local area network over TCP/IP”
📖 P.23 “IPP printing”
📖 P.24 “Novell printing”

— USB connection

Available for: Windows Me, Windows 2000, Windows XP, Windows Server 2003



This equipment supports the USB 2.0 Full Speed connection. When this equipment is connected to your computer with the USB cable, you must install the printer drivers using the Windows Plug and Play functions.
📖 P.27 “Installing client software for USB printing”

Note

USB printing is not supported by Windows NT 4.0.

— Local area network over TCP/IP

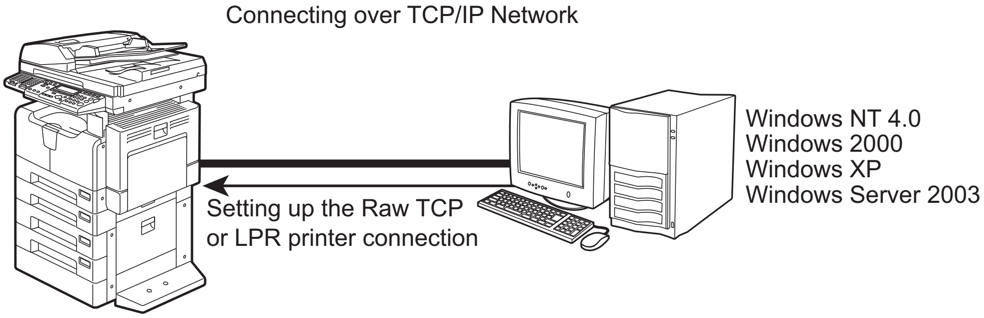
When this equipment is connected to your computer in the local area network over TCP/IP, various printing methods are available such as:
- Raw TCP/LPR Printing (for Windows 2000/XP/Server 2003)
- LPR Printing (for Windows NT 4.0)

Some of them are applicable to your environments, the printing methods generally recommended are decided by the Windows version.
- Windows 2000, Windows XP, Windows Server 2003 — Raw TCP/LPR Printing
- Windows NT 4.0 — LPR Printing

If you have no advance for an installation from your administrator, check these printing methods whether they are suited to your network environments.

Raw TCP/LPR printing

Available for:Windows NT 4.0, Windows 2000, Windows XP, Windows Server 2003


Connecting over TCP/IP Network
Windows NT 4.0
Windows 2000
Windows XP
Windows Server 2003
Setting up the Raw TCP or LPR printer connection

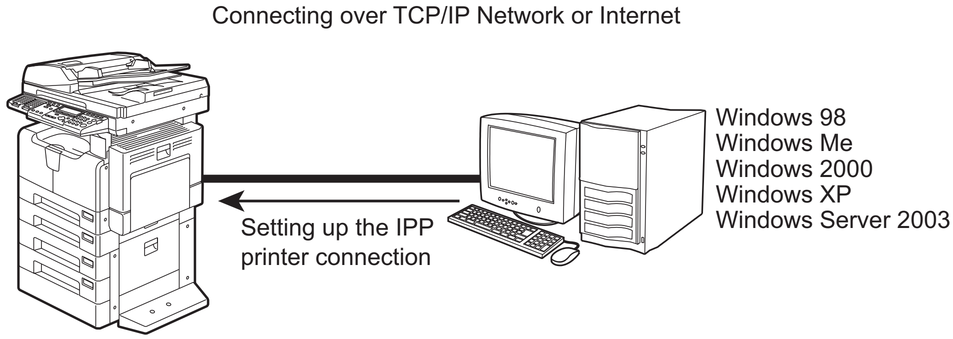
This equipment allows you to connect using LPR which is available for Windows NT 4.0, and Raw TCP or LPR which is available for Windows 2000, Windows XP, and Windows Server 2003. If you use Windows 2000, Windows XP, or Windows Server 2003, Raw TCP printing may be suitable.
📖 P.36 “Installing client software for Raw TCP/LPR printing”

Tips

- To print with a Raw TCP connection, this equipment must be configured to enable Raw TCP Print Service. Ask your administrator if the Raw TCP Print Service is enabled.
- To print with a LPR connection, this equipment must be configured to enable LPD Print Service. Ask your administrator if the LPD Print Service is enabled.

— IPP printing

Available for: Windows 98, Windows Me, Windows 2000, Windows XP, Windows Server 2003


Connecting over TCP/IP Network or Internet
Windows 98
Windows Me
Windows 2000
Windows XP
Windows Server 2003
Setting up the IPP printer connection

If you print to this equipment over the Internet, you can use IPP printing under Windows 98, Windows Me, Windows 2000, Windows XP, and Windows Server 2003. This allows you to print to this equipment from anywhere on the Internet.
📖 P.63 “Installing client software for IPP printing”

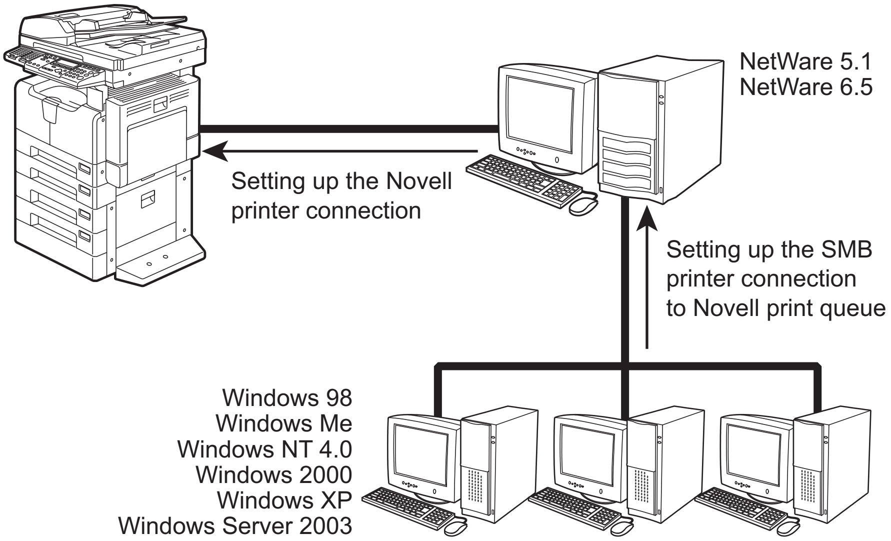
Tip

To print with an IPP connection, this equipment must be configured to enable the IPP Print Service and must be connected to the Internet. Ask your administrator if the IPP Print Service is enabled.

— Novell printing

Available for: Windows 98, Windows Me, Windows NT 4.0, Windows 2000, Windows XP, Windows Server 2003

Connecting with a NetWare Environment over TCP/IP or IPX/SPX Network


NetWare 5.1
NetWare 6.5
Setting up the Novell printer connection
Setting up the SMB printer connection to Novell print queue
Windows 98
Windows Me
Windows NT 4.0
Windows 2000
Windows XP
Windows Server 2003

When this equipment is configured to manage printing with NetWare 5.1/6.5 over TCP/IP or IPX/SPX, you can print through the NetWare print server from Windows 98/Me, Windows NT 4.0, Windows 2000, Windows XP, and Windows Server 2003. In this case, install the printer driver and set up the SMB printer connection to a print queue created in the NetWare server.
📖 P.74 “Installing client software for Novell printing”

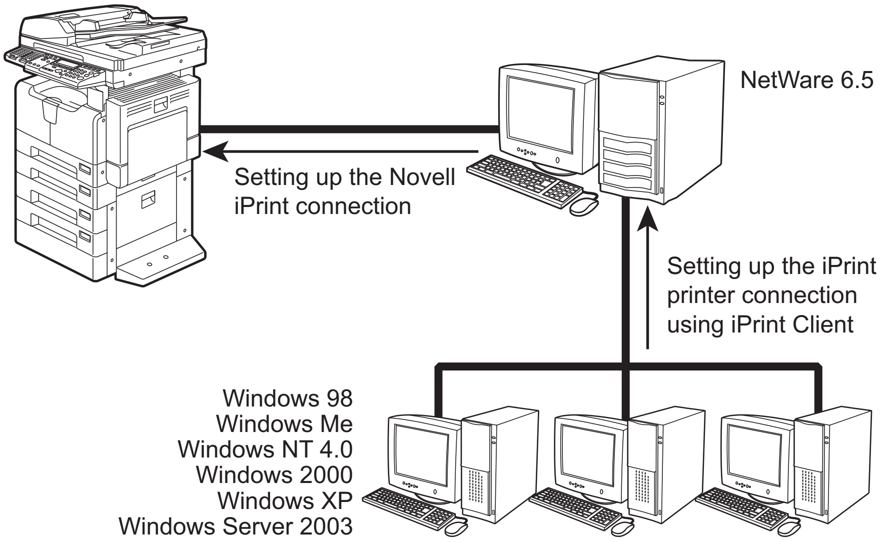
Tip

To print with a Novell connection, the NetWare server must be configured for printing and this equipment must be configured to enable NetWare Print Service. Ask your administrator if the NetWare Print Service is enabled.

— Novell iPrint

Available for: Windows 98, Windows Me, Windows NT 4.0, Windows 2000, Windows XP, Windows Server 2003

Connecting with a Novell iPrint Environment over TCP/IP Network


NetWare 6.5
Setting up the Novell iPrint connection
Setting up the iPrint printer connection using iPrint Client
Windows 98
Windows Me
Windows NT 4.0
Windows 2000
Windows XP
Windows Server 2003

When this equipment is configured to manage iPrint with NetWare 6.x over TCP/IP, you can print through the NetWare print server from Windows 98/Me, Windows NT 4.0, Windows 2000, Windows XP, and Windows Server 2003. In this case, install the printer driver using iPrint Client from the NetWare server.
📖 P.104 “Installing client software for Novell iPrint”

Tip

To print with a Novell iPrint, the NetWare server must be configured for iPrint and this equipment must be configured to enable NetWare Print Service. Ask your administrator if the NetWare Print Service is enabled.

Installation procedure list for Windows client software

The following table shows the procedure list to install printer drivers.

Printing	OS	Means to install
USB printing	Windows Me 📖 P.27 “Windows Me”	Plug and Play
	Windows 2000 📖 P.31 “Windows 2000”	
	Windows XP/Server 2003 📖 P.34 “Windows XP/Server 2003”	
Raw TCP/LPR printing	Windows 2000/XP/Server 2003 📖 P.37 “Windows 2000/XP/Server 2003”	Installer[*1]
	Windows 2000/XP/Server 2003 📖 P.50 “Windows 2000/XP/Server 2003”	Add Printer Wizard
	Windows NT 4.0 📖 P.47 “Windows NT 4.0”	Installer
	Windows NT 4.0 📖 P.58 “Windows NT 4.0”	Add Printer Wizard
IPP printing	Windows 98/Me 📖 P.63 “Windows 98/Me”	Add Printer Wizard
	Windows 2000/XP/Server 2003 📖 P.68 “Windows 2000/XP/Server 2003”	
Novell printing	Windows 98/Me, Windows NT 4.0, Windows 2000/XP 📖 P.75 “Installation for Novell printing using the installer”	Installer
	Windows 98/Me 📖 P.80 “Windows 98/Me”	Point and Print
	Windows NT 4.0/2000/ XP/Server 2003 📖 P.84 “Windows NT 4.0/2000/XP/Server 2003”	
	Windows 98/Me 📖 P.87 “Windows 98/Me”	Add Printer Wizard
	Windows NT 4.0 📖 P.94 “Windows NT 4.0”	
	Windows 2000/ XP/Server 2003 📖 P.99 “Windows 2000/XP/Server 2003”	
Novell iPrint	Windows 98/Me/NT 4.0/2000/ XP/Server 2003 📖 P.104 “Installing client software for Novell iPrint”	NetWare server
Uninstalling	When installed using the installer 📖 P.105 “When installed using the installer”	
	When installed using Add Printer Wizard 📖 P.109 “When installed using Add Printer Wizard”	

*1 By selecting the discovered equipment, the printer port is automatically set.

Installing client software for USB printing

This section describes how to set up the printer drivers when this equipment is connected with USB cable.
To set up the printer drivers for USB printing, you must install the printer drivers by Plug and Play functions instead of installing the client software using the installer in the Client Utilities CD-ROM.
When this equipment is connected to a USB port of Windows Me, Windows 2000, Windows XP, or Windows Server 2003 computers, the Plug and Play Wizard automatically starts.

Tips

- TopAccess is not available when this equipment is connected using only the USB cable.
- The Font Manager is available to install and manage the TrueType fonts on your computer. To install the Font Manager, you must install it from the Client Utilities CD-ROM.
  📖 P.246 "Installing Font Manager"

Note

USB printing is not supported by Windows NT 4.0.

Installation for USB printing by Plug and Play

The procedure to install the printer driver for USB printing by Plug and Play differs depending on the version of Windows used.
📖 P.27 "Windows Me"
📖 P.31 "Windows 2000"
📖 P.34 "Windows XP/Server 2003"

— Windows Me

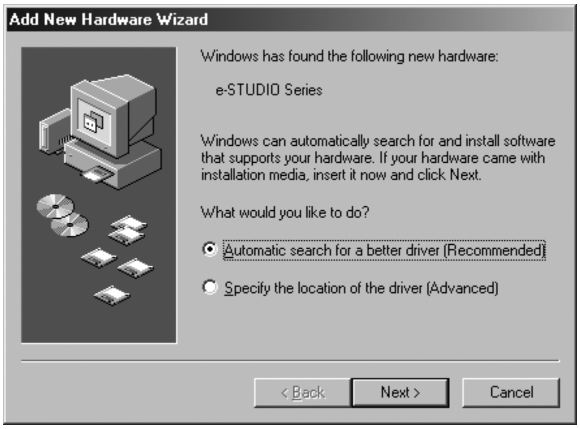
Installing the printer driver for USB printing by Plug and Play

1. **Power on this equipment and your computer.**
2. **Insert the Client Utilities CD-ROM into the CD-ROM drive.**
   When inserting the Client Utilities CD-ROM, the installer may automatically start. Click [Cancel] to exit the installer and continue the operation.
3. **Connect the USB cable to this equipment and your computer.**
   The Add New Hardware Wizard dialog box appears.

   Note

   On Windows Me, usually the USB port driver must be automatically installed when you connect the USB cable to your computer. However, the USB port driver sometimes cannot be installed automatically. In that case, click [Back] in the displayed dialog box and then click [Next] to install the USB port driver again.

4 Select “Automatic search a better driver (Recommended)” and click [Next].



Windows has found the following new hardware:

e-STUDIO Series

Windows can automatically search for and install software that supports your hardware. If your hardware came with installation media, insert it now and click Next.

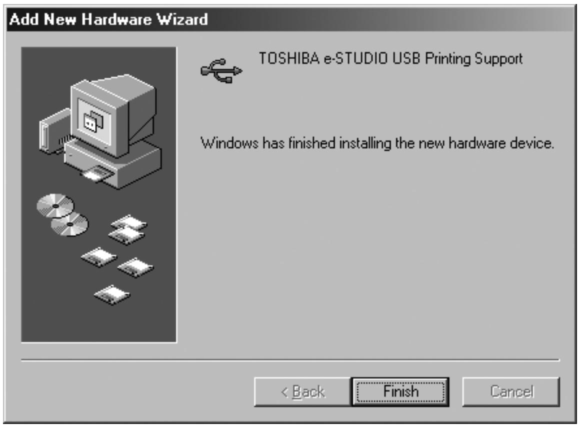
What would you like to do?

● Automatic search for a better driver (Recommended)

○ Specify the location of the driver (Advanced)

The dialog box showing installation of the new hardware device appears.

5 Click [Finished].



TOSHIBA e-STUDIO USB Printing Support

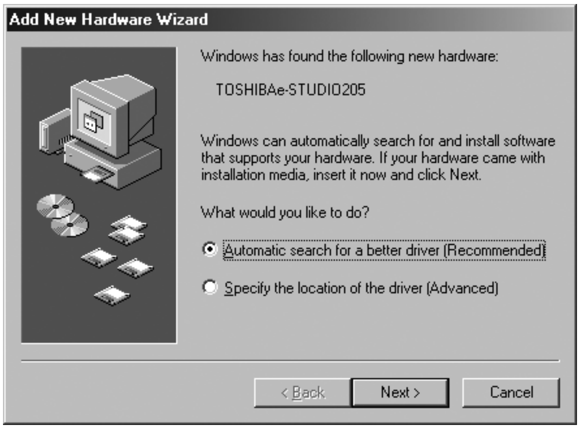
Windows has finished installing the new hardware device.

The dialog box showing detection of TOSHIBA e-STUDIO205 appears.

Tip

If a network printer driver for e-STUDIO165/205 has already been installed in your computer, steps 6 and 7 are skipped. In this case, the same type of USB printer driver as that of network printer driver will be installed.

6 Select “Automatic search a better driver (Recommended)” and click [Next].



Windows has found the following new hardware:

TOSHIBAe-STUDIO205

Windows can automatically search for and install software that supports your hardware. If your hardware came with installation media, insert it now and click Next.

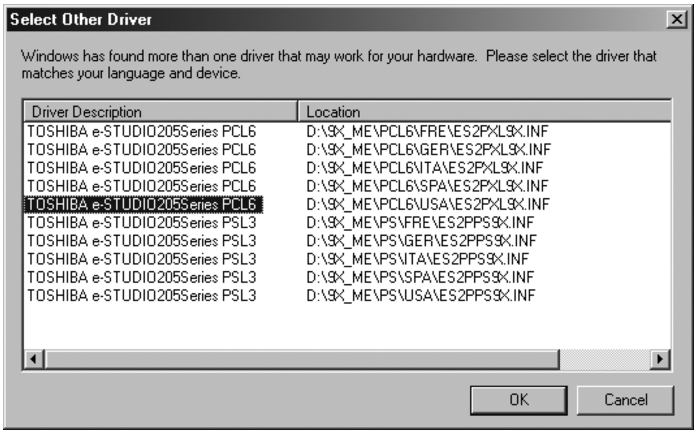
What would you like to do?

● Automatic search for a better driver (Recommended)

○ Specify the location of the driver (Advanced)

The Select Other Driver dialog box appears.

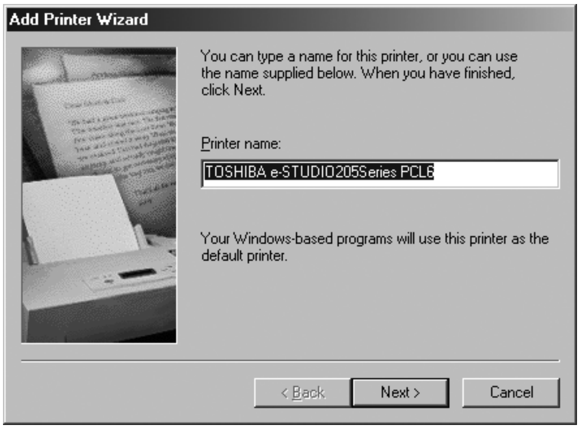
7 Select the desired printer driver and click [OK].



Windows has found more than one driver that may work for your hardware. Please select the driver that matches your language and device.

Driver Description	Location
TOSHIBA e-STUDIO205Series PCL6	D:\9X_ME\PCL6\FRE\ES2PXL9X.INF
TOSHIBA e-STUDIO205Series PCL6	D:\9X_ME\PCL6\GER\ES2PXL9X.INF
TOSHIBA e-STUDIO205Series PCL6	D:\9X_ME\PCL6\ITA\ES2PXL9X.INF
TOSHIBA e-STUDIO205Series PCL6	D:\9X_ME\PCL6\SPA\ES2PXL9X.INF
TOSHIBA e-STUDIO205Series PCL6	D:\9X_ME\PCL6\USA\ES2PXL9X.INF
TOSHIBA e-STUDIO205Series PSL3	D:\9X_ME\PS\FRE\ES2PPS9X.INF
TOSHIBA e-STUDIO205Series PSL3	D:\9X_ME\PS\GER\ES2PPS9X.INF
TOSHIBA e-STUDIO205Series PSL3	D:\9X_ME\PS\ITA\ES2PPS9X.INF
TOSHIBA e-STUDIO205Series PSL3	D:\9X_ME\PS\SPA\ES2PPS9X.INF
TOSHIBA e-STUDIO205Series PSL3	D:\9X_ME\PS\USA\ES2PPS9X.INF

8 Change the name if desired and click [Next].

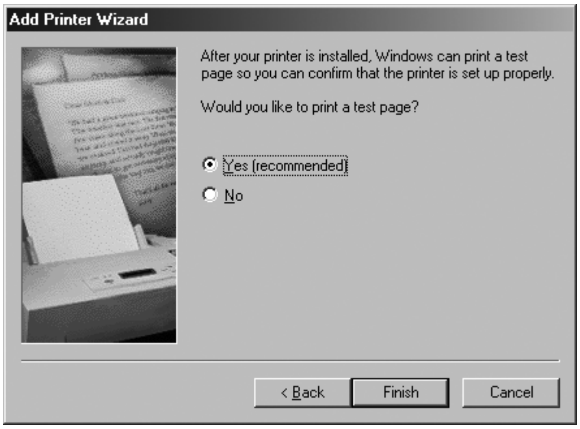


You can type a name for this printer, or you can use the name supplied below. When you have finished, click Next.

Printer name: TOSHIBA e-STUDIO205Series PCL6

Your Windows-based programs will use this printer as the default printer.

9 Select "Yes (recommended)" to print a test page and click [Finish].



After your printer is installed, Windows can print a test page so you can confirm that the printer is set up properly.

Would you like to print a test page?

● Yes (recommended)

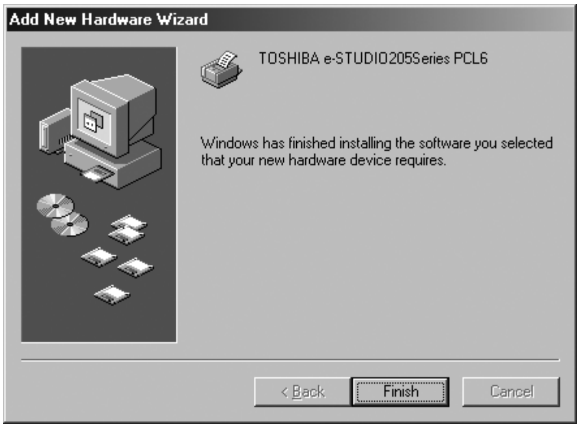
○ No

Start copying files.

Tip

The printer test printing message will be is displayed.

10 Click [Finish].



TOSHIBA e-STUDIO205Series PCL6

Windows has finished installing the software you selected that your new hardware device requires.

11 The installation is completed.

Note

Before using the printer driver for printing, please configure the installed options of the equipment and department code (if required) on the printer driver.
📖 P.154 “Before using the printer driver”

Tip

When a printer driver (e.g. PCL6) is installed by means of the above procedure, the “USB001 Virtual print port” is created. If you want to install a second driver (e.g. PS3), use “Add Printer Wizard” and add the printer driver in the Client Utility CD-ROM to this port. (To start the wizard: Click [Start] and select [Printers] in [Settings], and then double-click the [Add Printers] icon.)

— Windows 2000

Installing the printer driver for USB printing by Plug and Play

Note

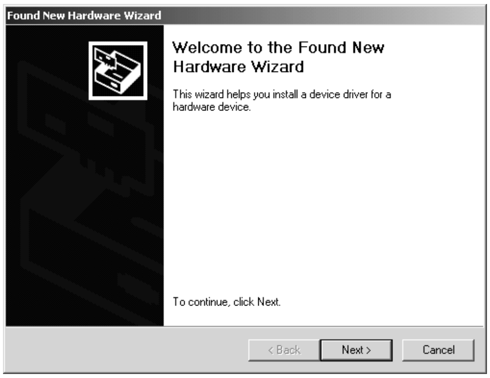
You must log into Windows as a user who has the “Administrators” or “Power Users” privilege when using Windows 2000.

1 **Power on this equipment and your computer.**

2 **Connect the USB cable to this equipment and your computer.**

The Found New Hardware Wizard dialog box appears.

3 **Click [Next].**



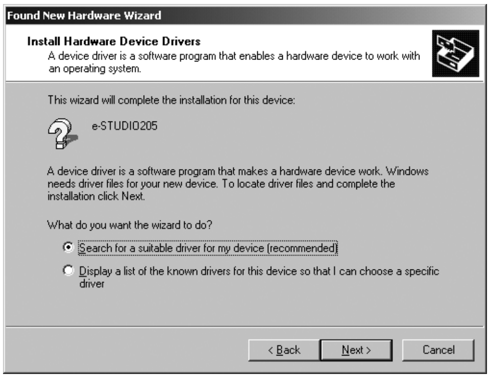
Found New Hardware Wizard

Welcome to the Found New Hardware Wizard

This wizard helps you install a device driver for a hardware device.

To continue, click Next.

4 **Select "Search for a suitable driver for my device (recommended)" and click [Next].**



Found New Hardware Wizard

Install Hardware Device Drivers

A device driver is a software program that enables a hardware device to work with an operating system.

This wizard will complete the installation for this device:

e-STUDIO205

A device driver is a software program that makes a hardware device work. Windows needs driver files for your new device. To locate driver files and complete the installation click Next.

What do you want the wizard to do?

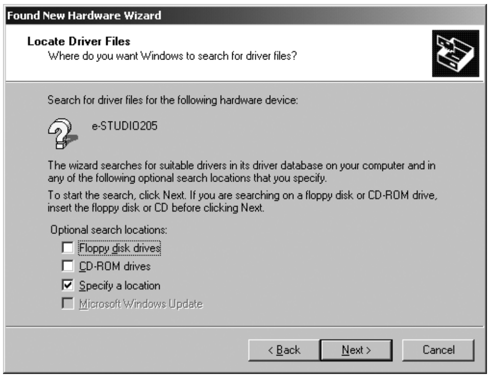
● Search for a suitable driver for my device (recommended)

○ Display a list of the known drivers for this device so that I can choose a specific driver

5 **Insert the Client Utilities CD-ROM into the CD-ROM drive.**

When inserting the Client Utilities CD-ROM, the installer may automatically start. Click [Cancel] to exit the installer and continue the operation.

6 Select only “Specify a location” and click [Next].



Found New Hardware Wizard

Locate Driver Files

Where do you want Windows to search for driver files?

Search for driver files for the following hardware device:

e-STUDIO205

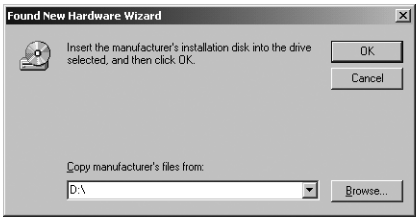
The wizard searches for suitable drivers in its driver database on your computer and in any of the following optional search locations that you specify.

To start the search, click Next. If you are searching on a floppy disk or CD-ROM drive, insert the floppy disk or CD before clicking Next.

Optional search locations:

- ☐ Floppy disk drives
- ☐ CD-ROM drives
- ☑ Specify a location
- ☐ Microsoft Windows Update

7 Click [Browse].



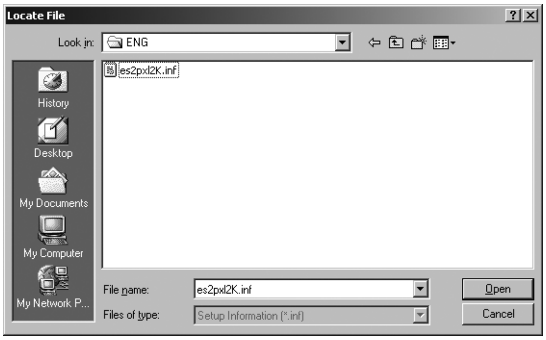
Found New Hardware Wizard

Insert the manufacturer's installation disk into the drive selected, and then click OK.

Copy manufacturer's files from: D:\

The Locate File dialog box appears.

8 Locate the directory where the printer driver for Windows 2000 is located, select a inf file, and click [Open].



Locate File

Look in: ENG

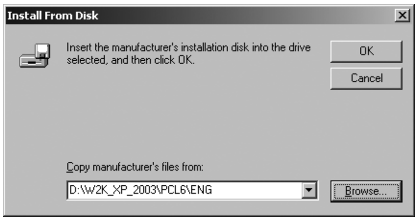
es2pxl2K.inf

File name: es2pxl2K.inf

Files of type: Setup Information (*.inf)

- To install the PCL6 printer driver, locate "[CD-ROM drive]:\W2K_XP_2003\PCL6\<language>".
- To install the PS3 printer driver, locate "[CD-ROM drive]:\W2K_XP_2003\PS\<language>".

9 Click [OK].

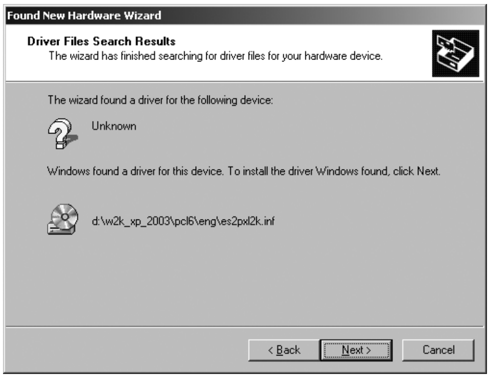


Install From Disk

Insert the manufacturer's installation disk into the drive selected, and then click OK.

Copy manufacturer's files from: D:\W2K_XP_2003\PCL6\ENG

10 Check [Next].


Found New Hardware Wizard

Driver Files Search Results

The wizard has finished searching for driver files for your hardware device.

The wizard found a driver for the following device:

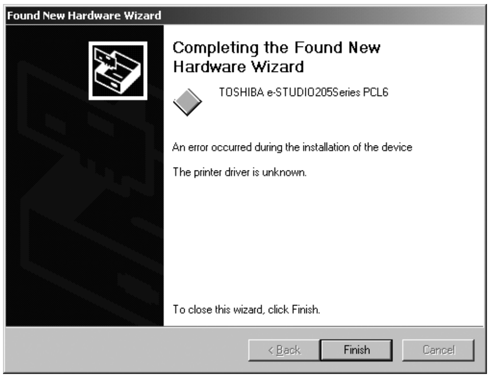
Unknown

Windows found a driver for this device. To install the driver Windows found, click Next.

d:\w2k_xp_2003\pcl6\eng\es2pxl2k.inf

It starts copying files.

11 Click [Finish].


Found New Hardware Wizard

Completing the Found New Hardware Wizard

TOSHIBA e-STUDIO205Series PCL6

An error occurred during the installation of the device

The printer driver is unknown.

To close this wizard, click Finish.

12 The installation is completed.

Note

Before using the printer driver for printing, please configure the installed options of the equipment and department code (if required) on the printer driver.
📖 P.154 “Before using the printer driver”

Tip

When a printer driver (e.g. PCL6) is installed by means of the above procedure, the “USB001 Virtual print port” is created. If you want to install a second driver (e.g. PS3), use “Add Printer Wizard” and add the printer driver in the Client Utility CD-ROM to this port. (To start the wizard: Click [Start] and select [Printers] in [Settings], and then double-click the [Add Printers] icon.)

— Windows XP/Server 2003

Installing the printer driver for USB printing by Plug and Play

The following describes an installation on Windows XP. The procedure is the same when Windows Server 2003 is used.

Note

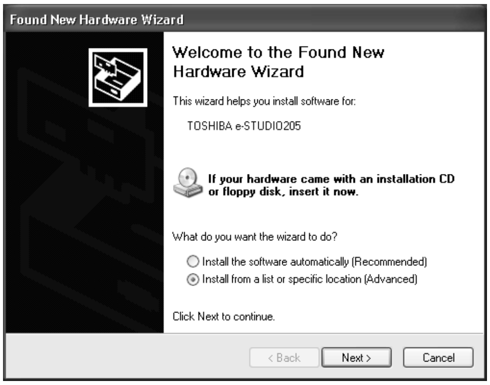
You must log into Windows as a user who has the “Administrators” or “Power Users” privilege when using Windows XP or Windows Server 2003.

1 Power on this equipment and your computer.

2 Connect the USB cable to this equipment and your computer.

The Found New Hardware Wizard dialog box appears.

3 Select "Install from a list or specific location (Advanced)" and click [Next].



Found New Hardware Wizard

Welcome to the Found New Hardware Wizard

This wizard helps you install software for:

TOSHIBA e-STUDIO205

If your hardware came with an installation CD or floppy disk, insert it now.

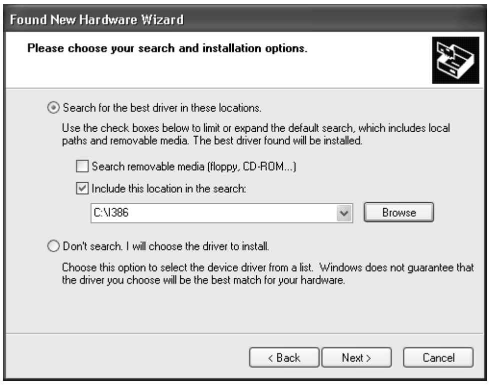
What do you want the wizard to do?

○ Install the software automatically (Recommended)

● Install from a list or specific location (Advanced)

Click Next to continue.

4 Select “Search for the best driver in these locations.” and check only the “Include this location in the search” check box. Then click [Browse].



Found New Hardware Wizard

Please choose your search and installation options.

● Search for the best driver in these locations.

Use the check boxes below to limit or expand the default search, which includes local paths and removable media. The best driver found will be installed.

☐ Search removable media (floppy, CD-ROM...)

☑ Include this location in the search:

C:\I386

○ Don't search. I will choose the driver to install.

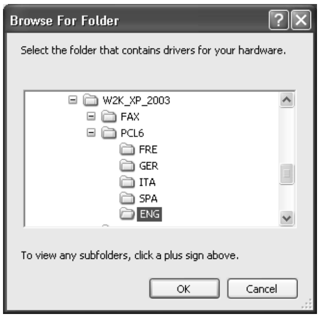
Choose this option to select the device driver from a list. Windows does not guarantee that the driver you choose will be the best match for your hardware.

The Browse For Folder dialog box appears.

5 Insert the Client Utilities CD-ROM into the CD-ROM drive.

When inserting the Client Utilities CD-ROM, the installer may automatically start. Click [Cancel] to exit the installer and continue the operation.

6 Locate the directory where the printer driver for Windows XP/ Server 2003 is located and click [OK].

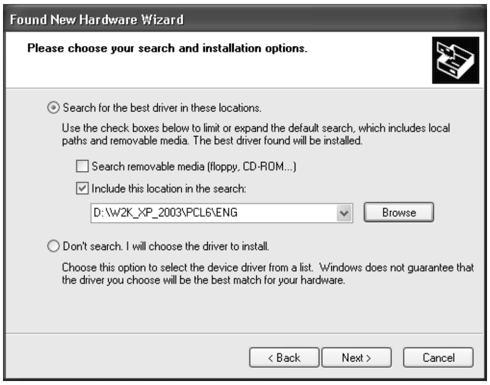

Browse For Folder

Select the folder that contains drivers for your hardware.

To view any subfolders, click a plus sign above.

- To install the PCL6 printer driver, locate "[CD-ROM drive]:\W2K_XP_2003\PCL6\<language>".
- To install the PS3 printer driver, locate "[CD-ROM drive]:\W2K_XP_2003\PS\<language>".

7 Click [Next].


Found New Hardware Wizard

Please choose your search and installation options.

● Search for the best driver in these locations.

Use the check boxes below to limit or expand the default search, which includes local paths and removable media. The best driver found will be installed.

☐ Search removable media (floppy, CD-ROM...)

☑ Include this location in the search:

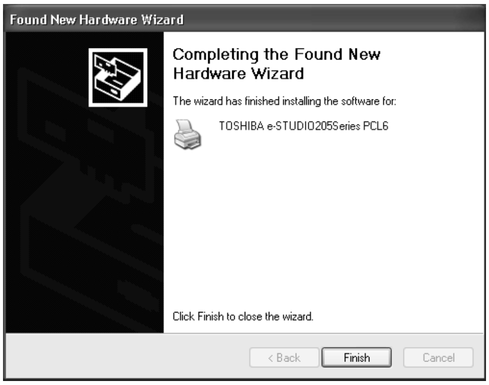
D:\W2K_XP_2003\PCL6\ENG

○ Don't search. I will choose the driver to install.

Choose this option to select the device driver from a list. Windows does not guarantee that the driver you choose will be the best match for your hardware.

It starts copying files.

8 Click [Finish].


Found New Hardware Wizard

Completing the Found New Hardware Wizard

The wizard has finished installing the software for:

TOSHIBA e-STUDIO205Series PCL6

Click Finish to close the wizard.

9 The installation is completed.

Note

Before using the printer driver for printing, please configure the installed options of the equipment and department code (if required) on the printer driver.
📖 P.154 “Before using the printer driver”

Tip

When a printer driver (e.g. PCL6) is installed by means of the above procedure, the “USB001 Virtual print port” is created. If you want to install a second driver (e.g. PS3), use “Add Printer Wizard” and add the printer driver in the Client Utility CD-ROM to this port. (To start the wizard: Click [Start] and select [Printers and Faxes], and then double-click the [Add Printers] icon.)

Installing client software for Raw TCP/LPR printing

This section describes how to set up the printer drivers for Raw TCP/LPR printing which is available for the local area network over TCP/IP.

There are Two ways to set up the printer drivers for Raw TCP/LPR printing:

- Using the installer in the Client Utilities CD-ROM
  You can set up the printer drivers for Raw TCP/LPR printing by installing the printer drivers using the installer in the Client Utilities CD-ROM.
  📖 P.37 “Installation for Raw TCP/LPR printing using the installer”
- Using Add Printer Wizard
  When you want to install the printer drivers without using the installer, or when you want to install the same printer driver for another equipment, install the printer drivers using the Add Printer Wizard.
  📖 P.50 “Installation for Raw TCP/LPR Printing by Add Printer Wizard”

Tip

The Font Manager is available to install and manage the TrueType fonts on your computer. To install the Font Manager, you must install it from the Client Utilities CD-ROM.
📖 P.246 “Installing Font Manager”

Notes

- Before operating the following setup, check with your system administrator to make sure of the following:
  - This equipment is connected to the network and turned on.
  - The TCP/IP setting is correct on this equipment and your computer.
- Raw TCP Printing is only available for Windows 2000, Windows XP, and Windows Server 2003.
- LPR Printing is only available for Windows NT 4.0, Windows 2000, Windows XP, and Windows Server 2003.

Installation for Raw TCP/LPR printing using the installer

Install the client software using the installer in the Client Utilities CD-ROM.
📖 P.37 “Windows 2000/XP/Server 2003”
📖 P.47 “Windows NT 4.0”

— Windows 2000/XP/Server 2003

The following describes an installation on Windows 2000. The procedure is the same when Windows XP or Windows Server 2003 is used.
📖 P.37 “Installing the client software using the installer for Windows 2000/XP/Server 2003”

Note

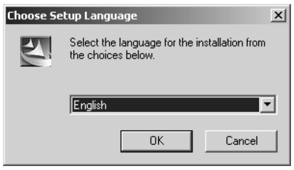
You must log into Windows as a user who has the “Administrators” or “Power Users” privilege when using Windows 2000, Windows XP, or Windows Server 2003.

Installing the client software using the installer for Windows 2000/XP/Server 2003

1 **Insert the Client Utilities CD-ROM into the CD-ROM drive.**

- The installer automatically starts and the Choose Setup Language dialog box appears.
- When the installer does not automatically start, double-click “Setup.exe” in the Client Utilities CD-ROM.

2 **Select your language and click [OK].**

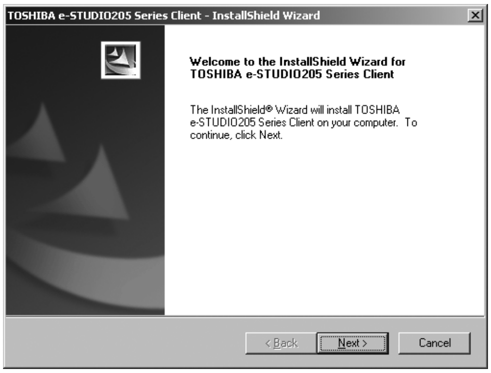


Select the language for the installation from the choices below.

English

The Welcome to the InstallShield wizard screen is displayed.

3 **Click [Next].**

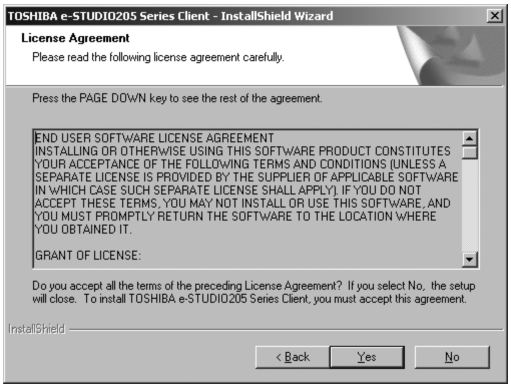


Welcome to the InstallShield Wizard for TOSHIBA e-STUDIO205 Series Client

The InstallShield® Wizard will install TOSHIBA e-STUDIO205 Series Client on your computer. To continue, click Next.

The License Agreement screen is displayed.

4 Please read the license agreement carefully and click [Yes].



TOSHIBA e-STUDIO205 Series Client - InstallShield Wizard

License Agreement

Please read the following license agreement carefully.

Press the PAGE DOWN key to see the rest of the agreement.

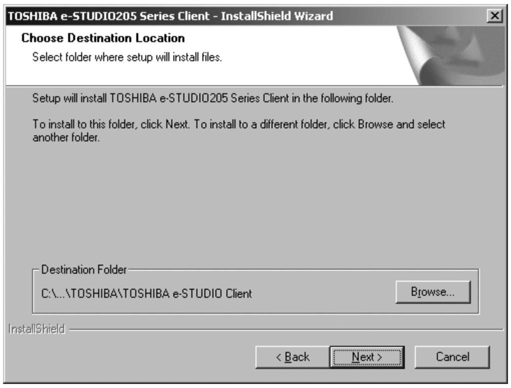
END USER SOFTWARE LICENSE AGREEMENT
INSTALLING OR OTHERWISE USING THIS SOFTWARE PRODUCT CONSTITUTES YOUR ACCEPTANCE OF THE FOLLOWING TERMS AND CONDITIONS (UNLESS A SEPARATE LICENSE IS PROVIDED BY THE SUPPLIER OF APPLICABLE SOFTWARE IN WHICH CASE SUCH SEPARATE LICENSE SHALL APPLY). IF YOU DO NOT ACCEPT THESE TERMS, YOU MAY NOT INSTALL OR USE THIS SOFTWARE, AND YOU MUST PROMPTLY RETURN THE SOFTWARE TO THE LOCATION WHERE YOU OBTAINED IT.

GRANT OF LICENSE:

Do you accept all the terms of the preceding License Agreement? If you select No, the setup will close. To install TOSHIBA e-STUDIO205 Series Client, you must accept this agreement.

The Choose Destination Location screen is displayed.

5 Click [Next].



TOSHIBA e-STUDIO205 Series Client - InstallShield Wizard

Choose Destination Location

Select folder where setup will install files.

Setup will install TOSHIBA e-STUDIO205 Series Client in the following folder.

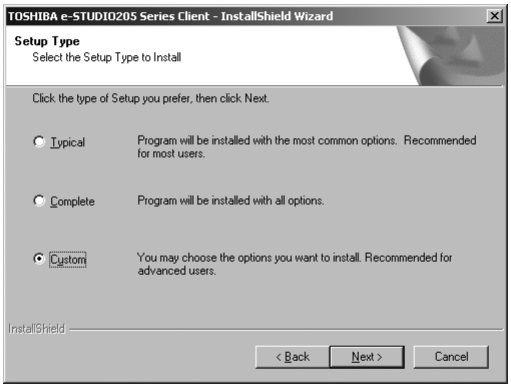
To install to this folder, click Next. To install to a different folder, click Browse and select another folder.

Destination Folder: C:\...\TOSHIBA\TOSHIBA e-STUDIO Client

If you want to change where the programs are installed, click [Browse]. In the dialog box appears, select the folder and click [OK].

The Setup Type screen is displayed.

6 Select “Custom” and click [Next].



TOSHIBA e-STUDIO205 Series Client - InstallShield Wizard

Setup Type

Select the Setup Type to Install

Click the type of Setup you prefer, then click Next.

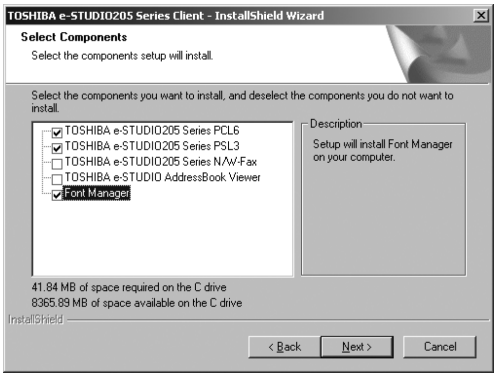
○ Typical — Program will be installed with the most common options. Recommended for most users.

○ Complete — Program will be installed with all options.

● Custom — You may choose the options you want to install. Recommended for advanced users.

The Select Components screen is displayed.

7 Check the software that you want to install and click [Next].



Select Components

Select the components setup will install.

Select the components you want to install, and deselect the components you do not want to install.

- ☑ TOSHIBA e-STUDIO205 Series PCL6
- ☑ TOSHIBA e-STUDIO205 Series PSL3
- ☐ TOSHIBA e-STUDIO205 Series N/W-Fax
- ☐ TOSHIBA e-STUDIO AddressBook Viewer
- ☑ Font Manager

Description

Setup will install Font Manager on your computer.

41.84 MB of space required on the C drive

8365.89 MB of space available on the C drive

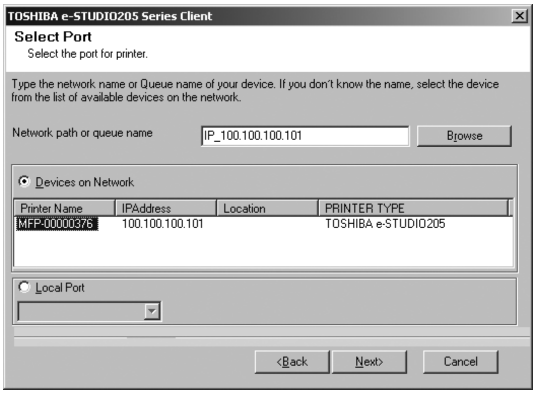
TOSHIBA e-STUDIO205 Series PCL6 — Check this to install the PCL6 printer driver.
TOSHIBA e-STUDIO205 Series PSL3 — Check this to install the PS3 printer driver

The Select Port screen is displayed.

Tip

The names of other software are displayed in the Select Components dialog box. (You can install them as required.)

8 Since the installer detects this equipment and the name of this equipment is displayed at “Devices on Network”, select it and then click [Next].



TOSHIBA e-STUDIO205 Series Client

Select Port

Select the port for printer.

Type the network name or Queue name of your device. If you don’t know the name, select the device from the list of available devices on the network.

Network path or queue name: IP_100.100.100.101

● Devices on Network

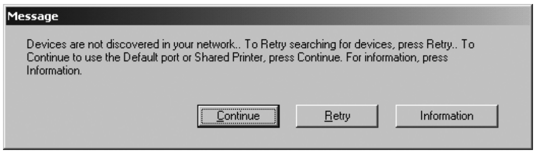
Printer Name	IPAddress	Location	PRINTER TYPE
MFP-00000376	100.100.100.101		TOSHIBA e-STUDIO205

○ Local Port

The Select Program Folder screen is displayed.

Note

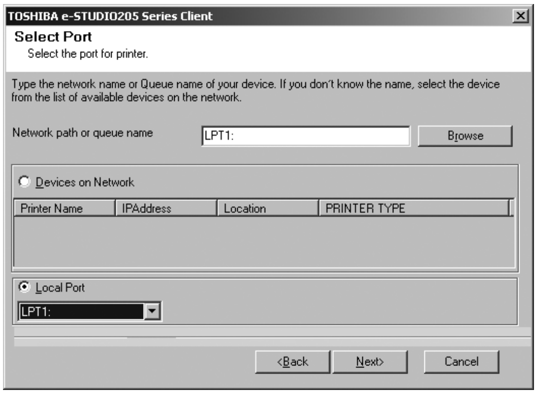
If this equipment is not properly connected in your network, the message that the installer cannot discover this equipment is displayed.



Message

Devices are not discovered in your network.. To Retry searching for devices, press Retry.. To Continue to use the Default port or Shared Printer, press Continue. For information, press Information.

If you want manually to configure the port for printing, click [Continue].
Then, select “LPT1:” in the drop down box at “Local Port” and click [Next].



TOSHIBA e-STUDIO205 Series Client

Select Port

Select the port for printer.

Type the network name or Queue name of your device. If you don’t know the name, select the device from the list of available devices on the network.

Network path or queue name: LPT1:

○ Devices on Network

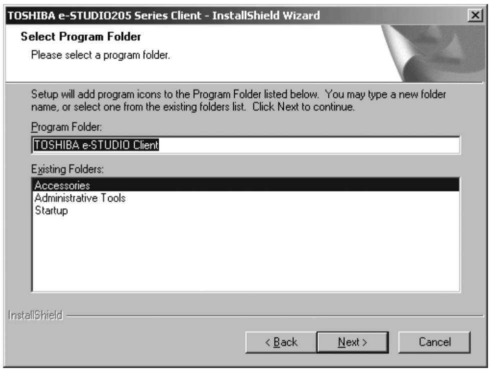
Printer Name	IPAddress	Location	PRINTER TYPE

● Local Port: LPT1:

Note

After selecting the port “LPT1:”, follow the steps described below to complete installation. However, in this case, you need to manually configure the Raw TCP port after the completion of installation.

9 Click [Next].


TOSHIBA e-STUDIO205 Series Client - InstallShield Wizard
InstallShield
< Back
Next >
Cancel

Select Program Folder

Please select a program folder.

Setup will add program icons to the Program Folder listed below. You may type a new folder name, or select one from the existing folders list. Click Next to continue.

Program Folder:

TOSHIBA e-STUDIO Client

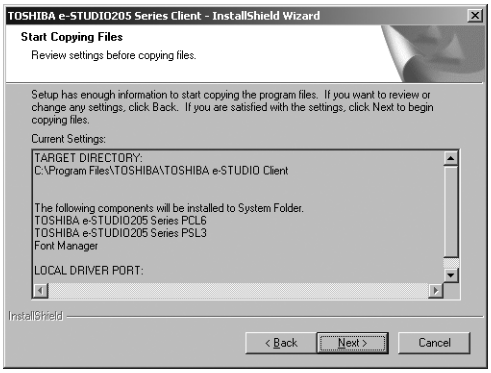
Existing Folders:

Accessories
Administrative Tools
Startup

If you want to change the program folder, rename the folder in the “Program Folder” field.

The Start Copying Files screen is displayed.

10 Click [Next].


TOSHIBA e-STUDIO205 Series Client - InstallShield Wizard
InstallShield
< Back
Next >
Cancel

Start Copying Files

Review settings before copying files.

Setup has enough information to start copying the program files. If you want to review or change any settings, click Back. If you are satisfied with the settings, click Next to begin copying files.

Current Settings:

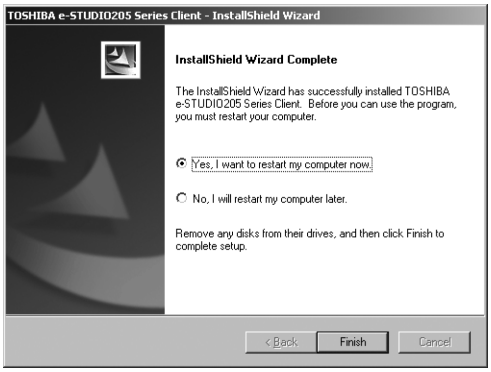
```
TARGET DIRECTORY:
C:\Program Files\TOSHIBA\TOSHIBA e-STUDIO Client


The following components will be installed to System Folder.
TOSHIBA e-STUDIO205 Series PCL6
TOSHIBA e-STUDIO205 Series PSL3
Font Manager

LOCAL DRIVER PORT:
```

Starts copying files and the InstallShield Wizard Complete screen appears when this is completed.

Note

If the Digital Signature Not Found dialog box is displayed while files are being copied. Click [Yes] to continue the installation.

11 **Click [Finish].**



TOSHIBA e-STUDIO205 Series Client - InstallShield Wizard

InstallShield Wizard Complete

The InstallShield Wizard has successfully installed TOSHIBA e-STUDIO205 Series Client. Before you can use the program, you must restart your computer.

● Yes, I want to restart my computer now.

○ No, I will restart my computer later.

Remove any disks from their drives, and then click Finish to complete setup.

< Back
Finish
Cancel

The installation is completed.
The Installer may ask you to restart your computer. If it does, select “Yes, I want to restart my computer now.” and click [Finish] to restart your computer.

Note

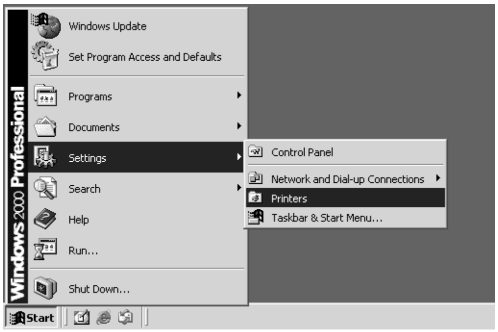
When you select “LPT1:” in the Select Port screen, you need to configure the Raw TCP port. Proceed to the following page:
📖 P.42 “Configuring the Raw TCP/LPR port for Windows 2000/XP/Server 2003”

Configuring the Raw TCP/LPR port for Windows 2000/XP/Server 2003

Notes

- This configuration is not necessary when the installer automatically discovers this equipment. Manually configure the Raw TCP/LPR port only when you manually select “LPT1:” port at “Local Port” in the Select Port screen.
- The procedure to configure the Raw TCP or LPR port differs depending on the version of Windows used.

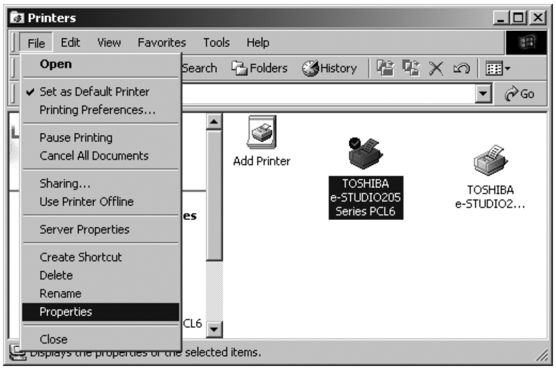
1 **Click [Start], select [Settings], and click [Printers] to open the Printers folder.**



Windows Update
Set Program Access and Defaults
Programs
Documents
Settings
Search
Help
Run...
Shut Down...
Control Panel
Network and Dial-up Connections
Printers
Taskbar & Start Menu...
Windows 2000 Professional
Start

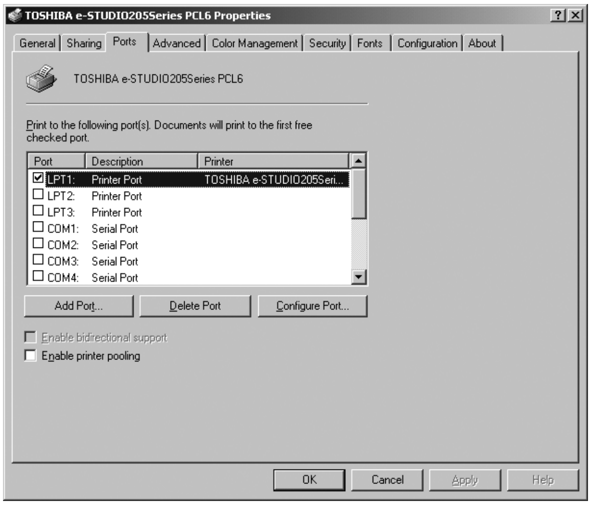
If you are using the Windows XP or Windows Server 2003, click [Start] and [Printers and Faxes] to open the Printers and Faxes folder.

2 Select the printer driver and select [Properties] in the [File] menu.


Printers
File
Edit
View
Favorites
Tools
Help
Search
Folders
History
Go
Open
Set as Default Printer
Printing Preferences...
Pause Printing
Cancel All Documents
Sharing...
Use Printer Offline
Server Properties
Create Shortcut
Delete
Rename
Properties
Close
Add Printer
TOSHIBA e-STUDIO205 Series PCL6
TOSHIBA e-STUDIO2...
Displays the properties of the selected items.

The printer driver properties dialog box appears.

3 Display the [Ports] tab and click [Add Port].


TOSHIBA e-STUDIO205Series PCL6 Properties
General
Sharing
Ports
Advanced
Color Management
Security
Fonts
Configuration
About
TOSHIBA e-STUDIO205Series PCL6
Add Port...
Delete Port
Configure Port...
Enable bidirectional support
Enable printer pooling
OK
Cancel
Apply
Help

Print to the following port(s). Documents will print to the first free checked port.

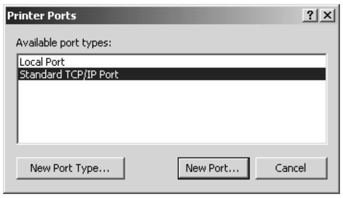
Port	Description	Printer
☑ LPT1:	Printer Port	TOSHIBA e-STUDIO205Seri...
☐ LPT2:	Printer Port	
☐ LPT3:	Printer Port	
☐ COM1:	Serial Port	
☐ COM2:	Serial Port	
☐ COM3:	Serial Port	
☐ COM4:	Serial Port	

☐ Enable bidirectional support

☐ Enable printer pooling

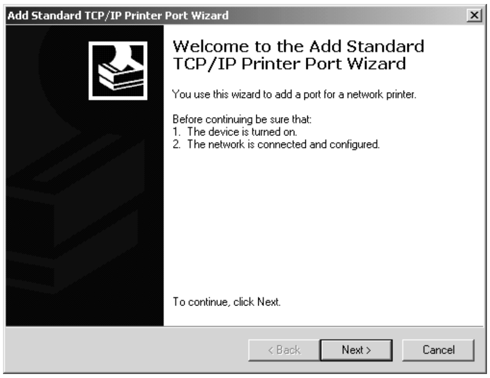
The Printer Ports dialog box appears.

4 Select “Standard TCP/IP Port” and click [New Port...].


Printer Ports
Available port types:
Local Port
Standard TCP/IP Port
New Port Type...
New Port...
Cancel

The Add Standard TCP/IP Printer Port Wizard dialog box appears.

5 **Click [Next].**



Add Standard TCP/IP Printer Port Wizard

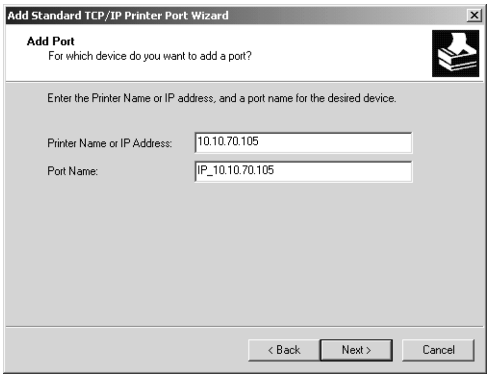
Welcome to the Add Standard TCP/IP Printer Port Wizard

You use this wizard to add a port for a network printer.

Before continuing be sure that:
1. The device is turned on.
2. The network is connected and configured.

To continue, click Next.

6 **Enter the IP address of this equipment in the “Printer Name or IP Address” field and click [Next].**



Add Standard TCP/IP Printer Port Wizard

Add Port
For which device do you want to add a port?

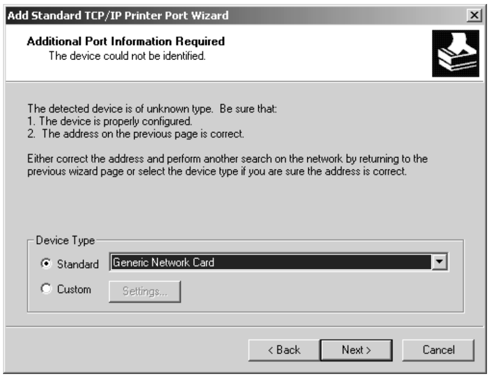
Enter the Printer Name or IP address, and a port name for the desired device.

Printer Name or IP Address: 10.10.70.105

Port Name: IP_10.10.70.105

- If your network uses a DNS or WINS server, enter the printer name of this equipment provided from DNS or WINS in the “Printer Name or IP Address” field.
- In the “Port Name” field, the port name is automatically entered according to the IP address or DNS name entered in the “Printer Name or IP Address” field.

7 **Select “Standard” and click [Next].**



Add Standard TCP/IP Printer Port Wizard

Additional Port Information Required
The device could not be identified.

The detected device is of unknown type. Be sure that:
1. The device is properly configured.
2. The address on the previous page is correct.

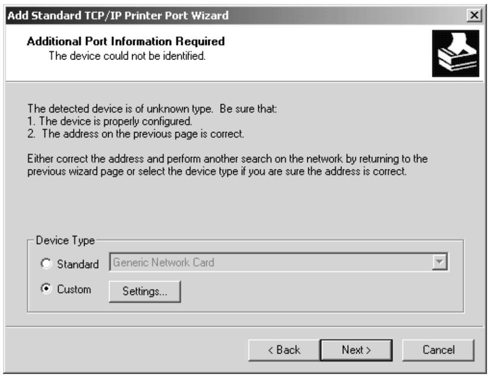
Either correct the address and perform another search on the network by returning to the previous wizard page or select the device type if you are sure the address is correct.

Device Type
● Standard Generic Network Card
○ Custom

Tip

When the LPD Print setting is enabled, you can also configure LPR printing. When you want to configure LPR printing, follow the procedure below.

Select “Custom” and click [Settings].



Add Standard TCP/IP Printer Port Wizard

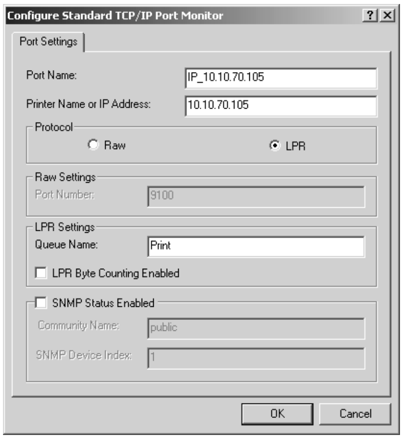
Additional Port Information Required
The device could not be identified.

The detected device is of unknown type. Be sure that:
1. The device is properly configured.
2. The address on the previous page is correct.

Either correct the address and perform another search on the network by returning to the previous wizard page or select the device type if you are sure the address is correct.

Device Type
○ Standard: Generic Network Card
● Custom

Select “LPR” at the “Protocol” option, enter “Print” in the “Queue Name” field at the “LPR Settings” option, and then click [OK].



Configure Standard TCP/IP Port Monitor

Port Settings

Port Name: IP_10.10.70.105
Printer Name or IP Address: 10.10.70.105

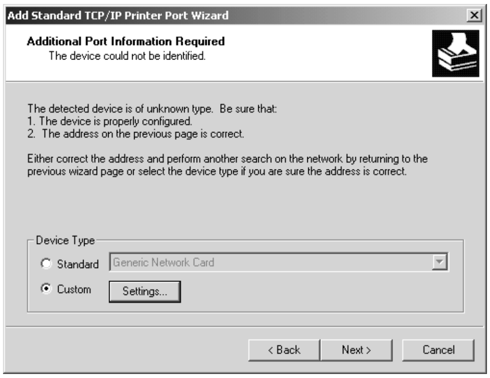
Protocol
○ Raw
● LPR

Raw Settings
Port Number: 9100

LPR Settings
Queue Name: Print
☐ LPR Byte Counting Enabled

☐ SNMP Status Enabled
Community Name: public
SNMP Device Index: 1

Click [Next].



Add Standard TCP/IP Printer Port Wizard

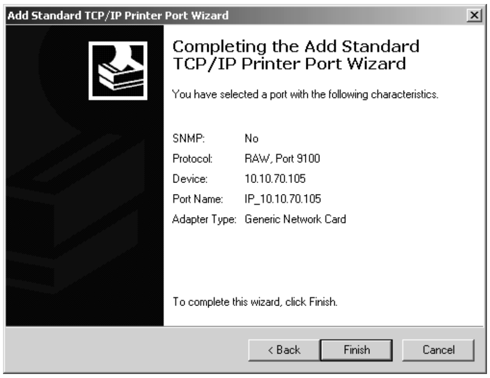
Additional Port Information Required
The device could not be identified.

The detected device is of unknown type. Be sure that:
1. The device is properly configured.
2. The address on the previous page is correct.

Either correct the address and perform another search on the network by returning to the previous wizard page or select the device type if you are sure the address is correct.

Device Type
○ Standard: Generic Network Card
● Custom

8 **Click [Finish].**



Add Standard TCP/IP Printer Port Wizard
< Back
Finish
Cancel

Completing the Add Standard TCP/IP Printer Port Wizard

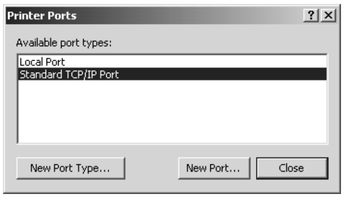
You have selected a port with the following characteristics.

SNMP:	No
Protocol:	RAW, Port 9100
Device:	10.10.70.105
Port Name:	IP_10.10.70.105
Adapter Type:	Generic Network Card

To complete this wizard, click Finish.

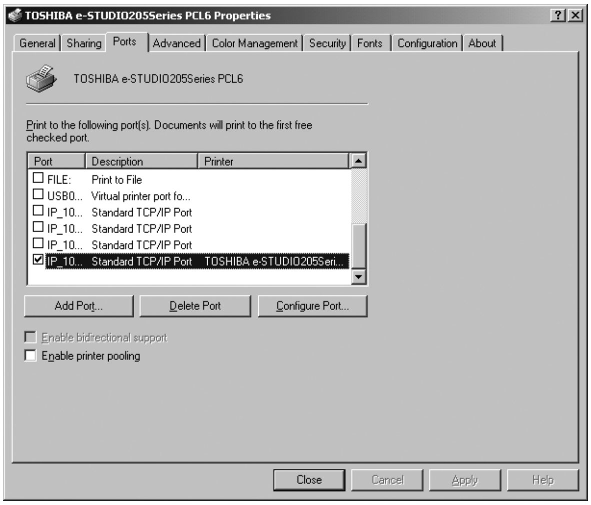
The screen returns to the Printer Ports dialog box.

9 **Click [Close] to close the Printer Ports dialog box.**



Printer Ports
Available port types:
Local Port
Standard TCP/IP Port
New Port Type...
New Port...
Close

10 **Make sure the created Raw TCP or LPR port is checked in the "Print to the following port(s)" list and click [Close].**



TOSHIBA e-STUDIO205Series PCL6 Properties
General
Sharing
Ports
Advanced
Color Management
Security
Fonts
Configuration
About
TOSHIBA e-STUDIO205Series PCL6
Add Port...
Delete Port
Configure Port...
Close
Cancel
Apply
Help

Print to the following port(s). Documents will print to the first free checked port.

Port	Description	Printer
☐ FILE:	Print to File	
☐ USB0...	Virtual printer port fo...	
☐ IP_10...	Standard TCP/IP Port	
☐ IP_10...	Standard TCP/IP Port	
☐ IP_10...	Standard TCP/IP Port	
☑ IP_10...	Standard TCP/IP Port	TOSHIBA e-STUDIO205Seri...

☐ Enable bidirectional support

☐ Enable printer pooling

Note

Before using the printer driver for printing, please configure the installed options of the equipment and department code (if required) on the printer driver.

📖 P.154 "Before using the printer driver"

— Windows NT 4.0

Configuring the LPR port for Windows NT 4.0

Notes

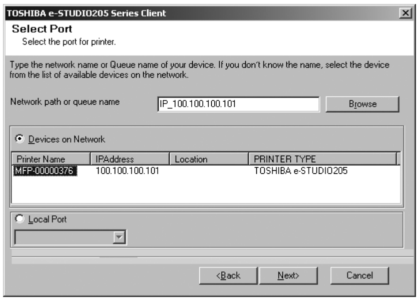
- You must log into Windows as a user who has the “Administrators” or “Power Users” privilege when using Windows NT 4.0.
- The procedure to configure the Raw TCP or LPR port differs depending on the version of Windows used.

1 Install the client software using the installer in the Client Utilities CD-ROM.

The procedure how to Install the client software is basically the same as for Windows 2000/XP/Server 2003. Please see to the following page for installation. Then, proceed to the next step to configure the LPR port:
📖 P.37 “Installing the client software using the installer for Windows 2000/XP/Server 2003”

Notes

- The installer discovers this equipment and the following screen is displayed: In this screen, click “Local Port” and select “LPT:1” in the drop down box. Then click [Next]. The subsequent installation procedure is the same as for Windows 2000/XP/Server 2003.
- Even if you click [Next] without selecting “Local Port” and continue the installation procedure, Windows NT 4.0 is not correctly installed.



TOSHIBA e-STUDIO205 Series Client

Select Port

Select the port for printer.

Type the network name or Queue name of your device. If you don't know the name, select the device from the list of available devices on the network.

Network path or queue name: IP_100.100.100.101 [Browse]

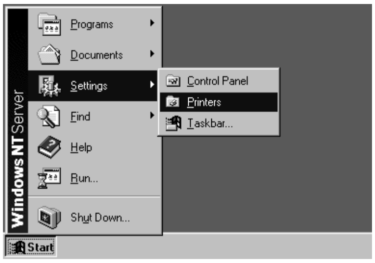
● Devices on Network

Printer Name	IPAddress	Location	PRINTER TYPE
MFP-00000376	100.100.100.101		TOSHIBA e-STUDIO205

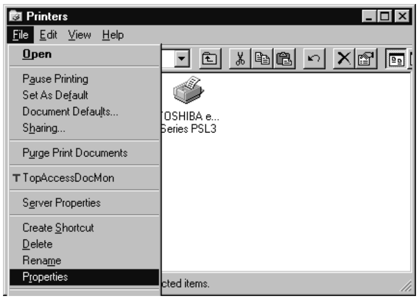
○ Local Port

[<Back] [Next>] [Cancel]

2 After installing the client software, click [Start], select [Settings], and click [Printers] to open the Printers folder.

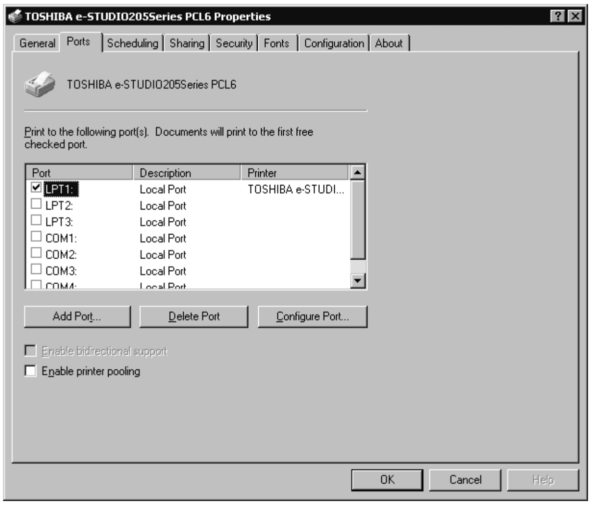


3. **Select the printer driver and select [Properties] in the [File] menu.**


Printers
File Edit View Help
Open
Pause Printing
Set As Default
Document Defaults...
Sharing...
Purge Print Documents
TopAccessDocMon
Server Properties
Create Shortcut
Delete
Rename
Properties
OSHIBA e...
Series PSL3
cted items.

The printer driver properties dialog box appears.

4. **Display the [Ports] tab and click [Add Port].**


TOSHIBA e-STUDIO205Series PCL6 Properties
General
Ports
Scheduling
Sharing
Security
Fonts
Configuration
About
TOSHIBA e-STUDIO205Series PCL6
Add Port...
Delete Port
Configure Port...
OK
Cancel
Help

Print to the following port(s). Documents will print to the first free checked port.

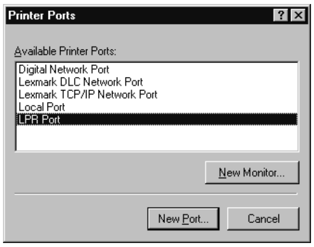
Port	Description	Printer
☑ LPT1:	Local Port	TOSHIBA e-STUDI...
☐ LPT2:	Local Port	
☐ LPT3:	Local Port	
☐ COM1:	Local Port	
☐ COM2:	Local Port	
☐ COM3:	Local Port	
☐ COM4:	Local Port	

☐ Enable bidirectional support

☐ Enable printer pooling

The Printer Ports dialog box appears.

5. **Select “LPR Port” and click [New Port...].**


Printer Ports
New Monitor...
New Port...
Cancel

Available Printer Ports:

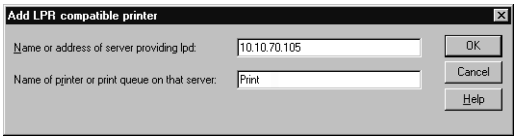
Digital Network Port
Lexmark DLC Network Port
Lexmark TCP/IP Network Port
Local Port
LPR Port

The Add LPR compatible printer dialog box appears.

Note

If “LPR Port” is not listed, make sure the TCP/IP Printing Service is installed on your Windows NT 4.0. “LPR Port” is not listed unless the TCP/IP Printing Service is installed.

6 Enter the IP address of this equipment in the “Name or address of server providing lpd” field and “Print” in the “Name of printer or print queue on that server” field, and click [OK].

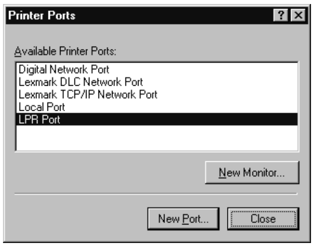

Add LPR compatible printer

Name or address of server providing lpd: 10.10.70.105

Name of printer or print queue on that server: Print
OK
Cancel
Help

When your network uses DNS or WINS server, enter the printer name of this equipment provided from DNS or WINS in the “Name or address of server providing lpd” field.

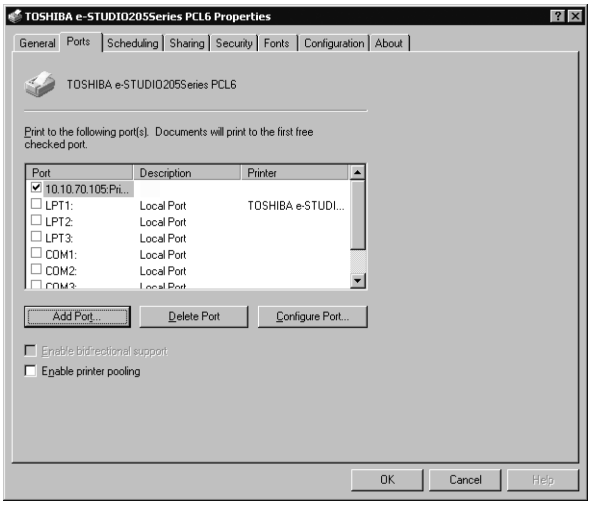
7 Click [Close] to close the Printer Ports dialog box.


Printer Ports

Available Printer Ports:

- Digital Network Port
- Lexmark DLC Network Port
- Lexmark TCP/IP Network Port
- Local Port
- LPR Port
New Monitor...
New Port...
Close

8 Make sure the created LPR port is checked in the “Print to the following port(s)” list and click [OK] to save settings.


TOSHIBA e-STUDIO205Series PCL6 Properties

TOSHIBA e-STUDIO205Series PCL6

Print to the following port(s). Documents will print to the first free checked port.

Port	Description	Printer
☑ 10.10.70.105:Pri...		
☐ LPT1:	Local Port	TOSHIBA e-STUDI...
☐ LPT2:	Local Port	
☐ LPT3:	Local Port	
☐ COM1:	Local Port	
☐ COM2:	Local Port	
☐ COM3:	Local Port	

☐ Enable bidirectional support

☐ Enable printer pooling
General
Ports
Scheduling
Sharing
Security
Fonts
Configuration
About
Add Port...
Delete Port
Configure Port...
OK
Cancel
Help

Note

Before using the printer driver for printing, please configure the installed options of the equipment and department code (if required) on the printer driver.
📖 P.154 “Before using the printer driver”

Installation for Raw TCP/LPR Printing by Add Printer Wizard

The procedure to install the printer driver for Raw TCP/LPR printing by Add Printer Wizard differs depending on the version of the Windows being used.
📖 P.50 “Windows 2000/XP/Server 2003”
📖 P.58 “Windows NT 4.0”

Tip

The Font Manager is available to install and manage the TrueType fonts on your computer. To install the Font Manager, you must install it from the Client Utilities CD-ROM.
📖 P.246 “Installing Font Manager”

— Windows 2000/XP/Server 2003

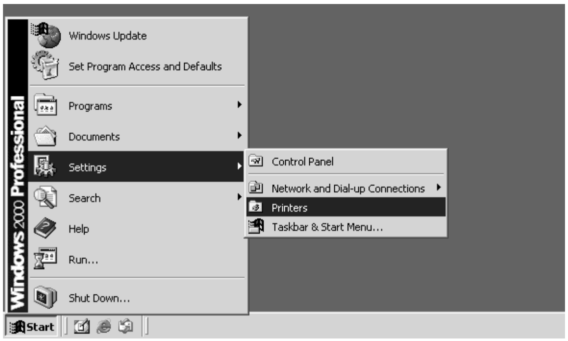
Installing the printer driver for Raw TCP/LPR printing by Add Printer Wizard

The following describes an installation on Windows 2000. The procedure is the same when Windows XP or Windows Server 2003 is used.

Note

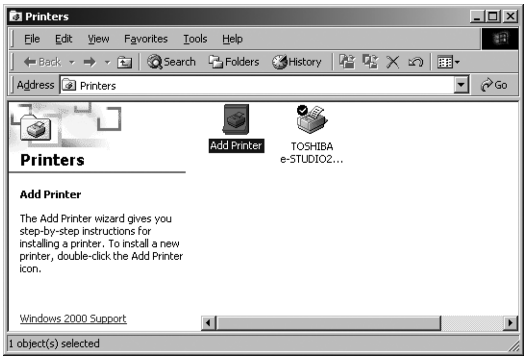
You must log into Windows as a user who has the “Administrators” or “Power Users” privilege when using Windows 2000, Windows XP or Windows Server 2003.

1. **Click [Start] and select [Printers] in [Settings] (Windows 2000) or select [Printers and Faxes] (Windows XP/Server 2003).**


Windows Update
Set Program Access and Defaults
Programs
Documents
Settings
Search
Help
Run...
Shut Down...
Control Panel
Network and Dial-up Connections
Printers
Taskbar & Start Menu...
Windows 2000 Professional
Start

The Printers folder is opened.

2 Double-click the [Add Printer] icon.


Printers
File Edit View Favorites Tools Help
Back Search Folders History
Address Printers
Go
Add Printer
TOSHIBA e-STUDIO2...
Windows 2000 Support
1 object(s) selected

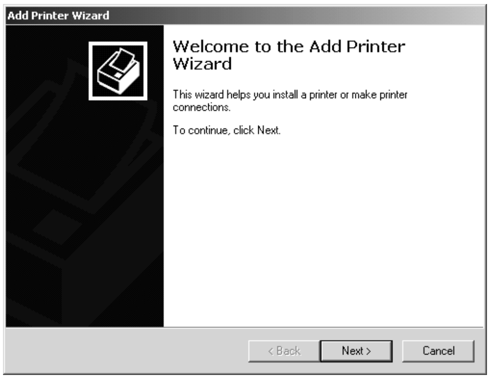
Printers

Add Printer

The Add Printer wizard gives you step-by-step instructions for installing a printer. To install a new printer, double-click the Add Printer icon.

- When using the Windows XP/Server 2003, click [Add a printer] in the Printer Tasks menu.
- The Add Printer Wizard dialog box appears.

3 Click [Next].

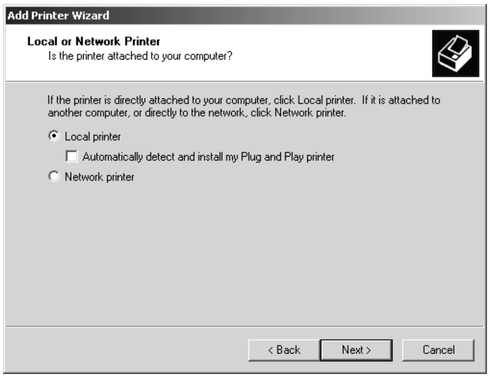

Add Printer Wizard
< Back
Next >
Cancel

Welcome to the Add Printer Wizard

This wizard helps you install a printer or make printer connections.

To continue, click Next.

4 Select "Local printer", uncheck the "Automatically detect and install my Plug and Play printer", and click [Next].

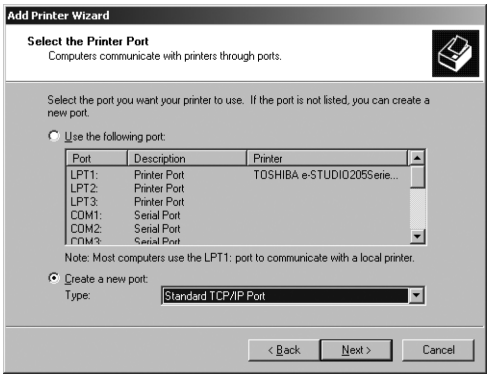

Add Printer Wizard
< Back
Next >
Cancel

Local or Network Printer
Is the printer attached to your computer?

If the printer is directly attached to your computer, click Local printer. If it is attached to another computer, or directly to the network, click Network printer.

● Local printer
  ☐ Automatically detect and install my Plug and Play printer
○ Network printer

5 **Select “Create a new port” and select “Standard TCP/IP Port” in the “Type” drop down box. Then click [Next].**


Add Printer Wizard
Use the following port:
Create a new port:
< Back
Next >
Cancel

Select the Printer Port
Computers communicate with printers through ports.

Select the port you want your printer to use. If the port is not listed, you can create a new port.

○ Use the following port:

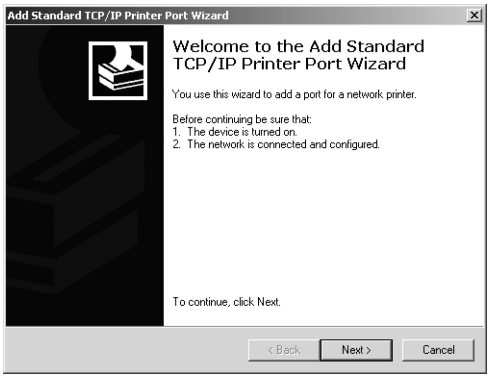
Port	Description	Printer
LPT1:	Printer Port	TOSHIBA e-STUDIO205Serie...
LPT2:	Printer Port	
LPT3:	Printer Port	
COM1:	Serial Port	
COM2:	Serial Port	
COM3:	Serial Port	

Note: Most computers use the LPT1: port to communicate with a local printer.

● Create a new port:
Type: Standard TCP/IP Port

The Add Standard TCP/IP Printer Port Wizard dialog box appears.

6 **Click [Next].**


Add Standard TCP/IP Printer Port Wizard
< Back
Next >
Cancel

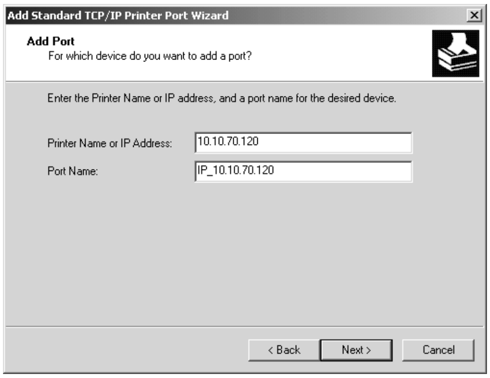
Welcome to the Add Standard TCP/IP Printer Port Wizard

You use this wizard to add a port for a network printer.

Before continuing be sure that:
1. The device is turned on.
2. The network is connected and configured.

To continue, click Next.

7 **Enter the IP address of this equipment in the “Printer Name or IP Address” field and click [Next].**


Add Standard TCP/IP Printer Port Wizard
< Back
Next >
Cancel

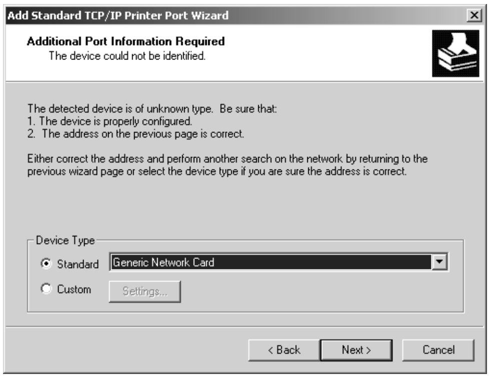
Add Port
For which device do you want to add a port?

Enter the Printer Name or IP address, and a port name for the desired device.

Printer Name or IP Address: 10.10.70.120
Port Name: IP_10.10.70.120

- If your network uses a DNS or WINS server, enter the printer name of this equipment provided from DNS or WINS in the “Printer Name or IP Address” field.
- In the “Port Name” field, the port name is automatically entered according to the IP address or DNS name entered in the “Printer Name or IP Address” field.

8 Select “Standard” and click [Next].



Add Standard TCP/IP Printer Port Wizard

Additional Port Information Required

The device could not be identified.

The detected device is of unknown type. Be sure that:
1. The device is properly configured.
2. The address on the previous page is correct.

Either correct the address and perform another search on the network by returning to the previous wizard page or select the device type if you are sure the address is correct.

Device Type

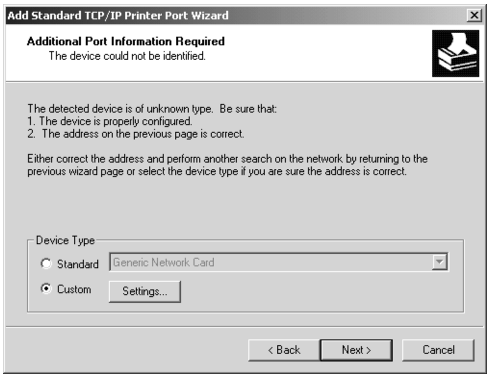
● Standard Generic Network Card

○ Custom

Tip

When the LPD Print setting is enabled, you can also configure LPR printing. When you want to configure LPR printing, follow the procedure below.

Select “Custom” and click [Settings].



Add Standard TCP/IP Printer Port Wizard

Additional Port Information Required

The device could not be identified.

The detected device is of unknown type. Be sure that:
1. The device is properly configured.
2. The address on the previous page is correct.

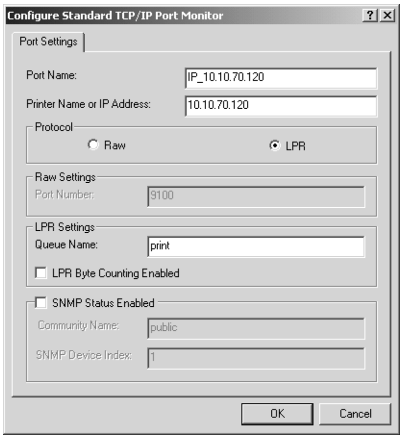
Either correct the address and perform another search on the network by returning to the previous wizard page or select the device type if you are sure the address is correct.

Device Type

○ Standard Generic Network Card

● Custom

Select “LPR” at the “Protocol” option, enter “Print” in the “Queue Name” field at the “LPR Settings” option, and then click [OK].



Configure Standard TCP/IP Port Monitor

Port Settings

Port Name: IP_10.10.70.120

Printer Name or IP Address: 10.10.70.120

Protocol

○ Raw ● LPR

Raw Settings

Port Number: 9100

LPR Settings

Queue Name: print

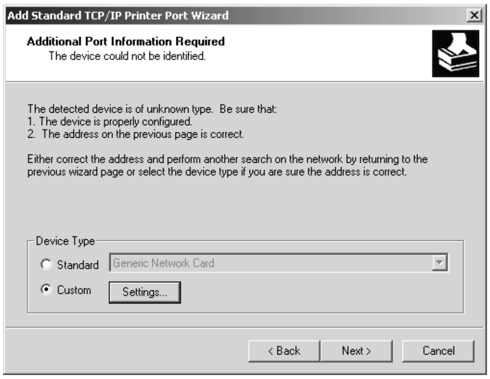
☐ LPR Byte Counting Enabled

☐ SNMP Status Enabled

Community Name: public

SNMP Device Index: 1

Click [Next].


Add Standard TCP/IP Printer Port Wizard

Additional Port Information Required
The device could not be identified.

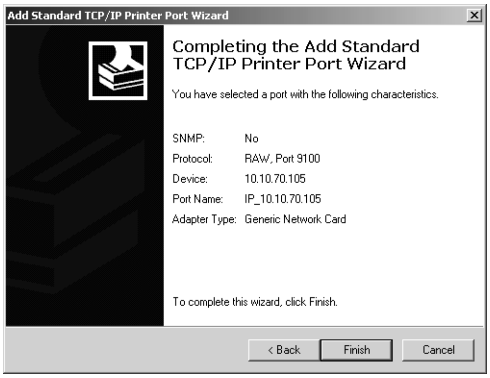
The detected device is of unknown type. Be sure that:
1. The device is properly configured.
2. The address on the previous page is correct.

Either correct the address and perform another search on the network by returning to the previous wizard page or select the device type if you are sure the address is correct.

Device Type
○ Standard Generic Network Card
● Custom

Settings...
< Back
Next >
Cancel

9 Click [Finish].


Add Standard TCP/IP Printer Port Wizard

Completing the Add Standard TCP/IP Printer Port Wizard

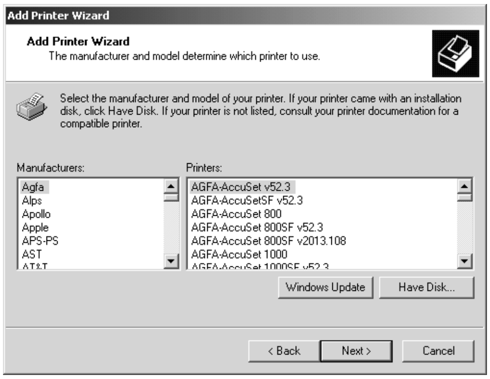
You have selected a port with the following characteristics.

SNMP: No
Protocol: RAW, Port 9100
Device: 10.10.70.105
Port Name: IP_10.10.70.105
Adapter Type: Generic Network Card

To complete this wizard, click Finish.

< Back
Finish
Cancel

10 Click [Have Disk...].


Add Printer Wizard

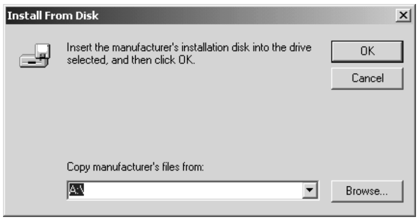
Add Printer Wizard
The manufacturer and model determine which printer to use.

Select the manufacturer and model of your printer. If your printer came with an installation disk, click Have Disk. If your printer is not listed, consult your printer documentation for a compatible printer.

Manufacturers:
Agfa
Alps
Apollo
Apple
APS-PS
AST
AT&T
Printers:
AGFA-AccuSet v52.3
AGFA-AccuSetSF v52.3
AGFA-AccuSet 800
AGFA-AccuSet 800SF v52.3
AGFA-AccuSet 800SF v2013.108
AGFA-AccuSet 1000
AGFA-AccuSet 1000SF v52.3
Windows Update
Have Disk...
< Back
Next >
Cancel

The Install From Disk dialog box appears.

11 Click [Browse...].


Install From Disk

Insert the manufacturer's installation disk into the drive selected, and then click OK.

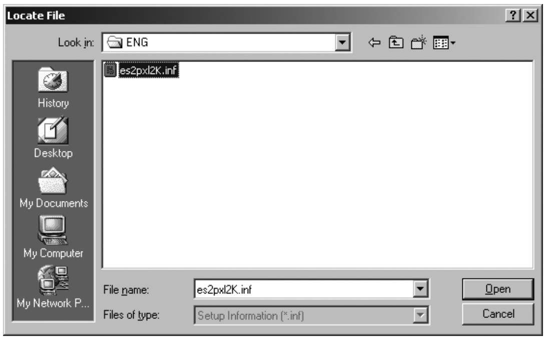
Copy manufacturer's files from: A:\

The Locate File dialog box appears.

12 Insert the Client Utilities CD-ROM into the CD-ROM drive.

When inserting the Client Utilities CD-ROM, the installer may automatically start. Click [Cancel] to exit the installer and continue the operation.

13 Locate the directory where the printer driver for Windows 2000/XP/ Server 2003 is located and click [Open].


Locate File

Look in: ENG

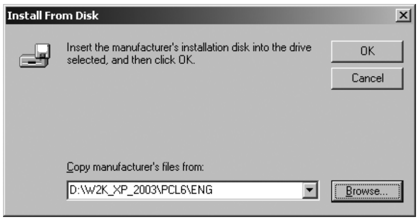
es2pxl2K.inf

File name: es2pxl2K.inf

Files of type: Setup Information (*.inf)

- To install the PCL6 printer driver, locate "[CD-ROM drive]:\W2K_XP_2003\PCL6\<language>".
- To install the PS3 printer driver, locate "[CD-ROM drive]:\W2K_XP_2003\PS\<language>".

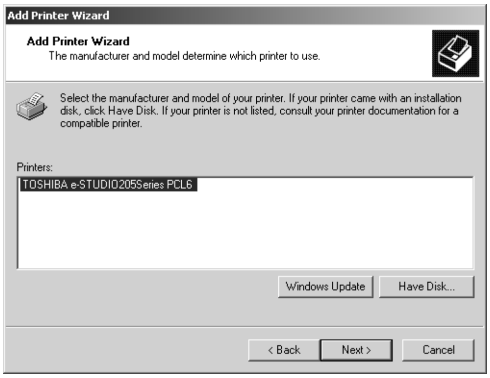
14 Click [OK].


Install From Disk

Insert the manufacturer's installation disk into the drive selected, and then click OK.

Copy manufacturer's files from: D:\W2K_XP_2003\PCL6\ENG

15 Select the printer driver and click [Next].



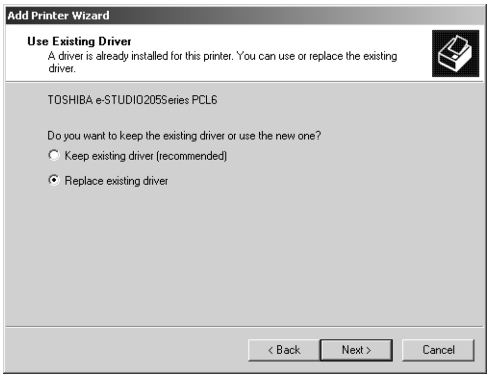
Add Printer Wizard
The manufacturer and model determine which printer to use.

Select the manufacturer and model of your printer. If your printer came with an installation disk, click Have Disk. If your printer is not listed, consult your printer documentation for a compatible printer.

Printers:
TOSHIBA e-STUDIO205Series PCL6

Note

If the same printer driver has been installed, the following dialog box appears. If it appears, select “Replace existing driver” and click [Next].

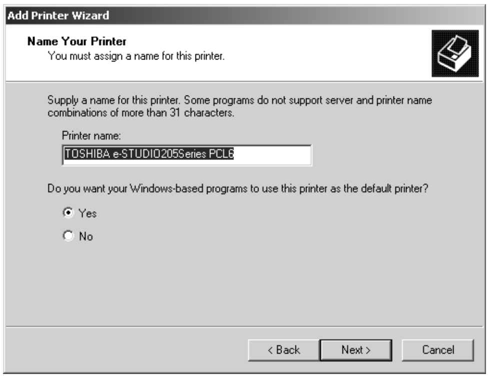


Use Existing Driver
A driver is already installed for this printer. You can use or replace the existing driver.

TOSHIBA e-STUDIO205Series PCL6

Do you want to keep the existing driver or use the new one?
○ Keep existing driver (recommended)
● Replace existing driver

16 Change the name if desired and click [Next].



Name Your Printer
You must assign a name for this printer.

Supply a name for this printer. Some programs do not support server and printer name combinations of more than 31 characters.

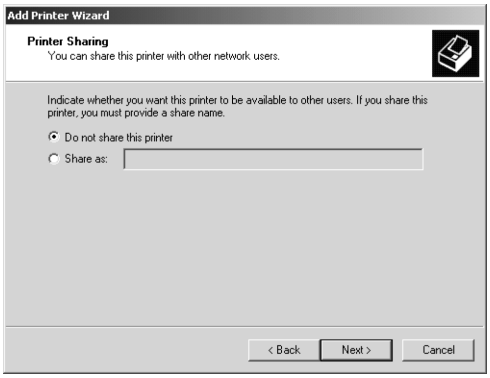
Printer name:
TOSHIBA e-STUDIO205Series PCL6

Do you want your Windows-based programs to use this printer as the default printer?
● Yes
○ No

Tip

If any printer drivers have installed on the computer, select whether using this printer as a default printer.

17 Select whether this printer is shared or not, and click [Next].

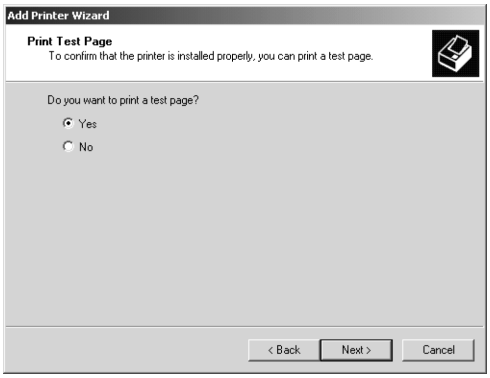


Printer Sharing
You can share this printer with other network users.

Indicate whether you want this printer to be available to other users. If you share this printer, you must provide a share name.

● Do not share this printer
○ Share as:

18 Select "Yes" to print a test page and click [Next].

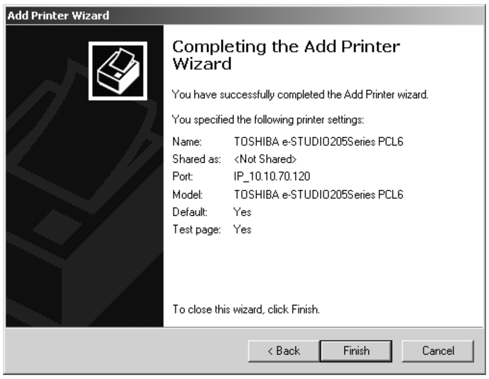


Print Test Page
To confirm that the printer is installed properly, you can print a test page.

Do you want to print a test page?

● Yes
○ No

19 Click [Finish].



Completing the Add Printer Wizard

You have successfully completed the Add Printer wizard.

You specified the following printer settings:

Name: TOSHIBA e-STUDIO205Series PCL6
Shared as: <Not Shared>
Port: IP_10.10.70.120
Model: TOSHIBA e-STUDIO205Series PCL6
Default: Yes
Test page: Yes

To close this wizard, click Finish.

Start copying files.

20 The installation is completed.

Note

Before using the printer driver for printing, please configure the installed options of the equipment and department code (if required) on the printer driver.
📖 P.154 “Before using the printer driver”

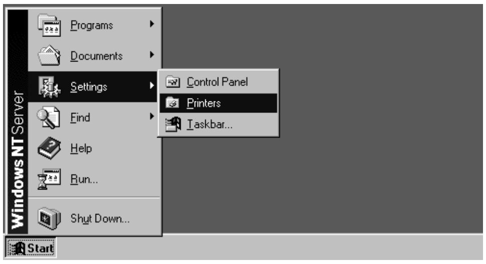
— Windows NT 4.0

Installing the printer driver for LPR printing by Add Printer Wizard

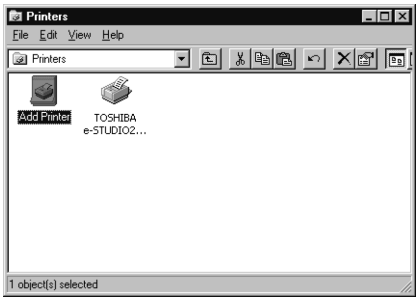
Note

You must log into Windows NT 4.0 as a user who has the “Administrators” or “Power Users” privilege.

1 **Click [Start], select [Settings], and click [Printers] to open the Printers folder.**

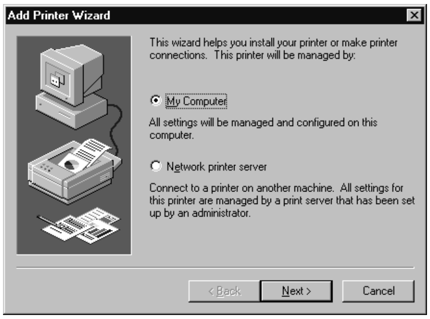

Windows NT Server
Programs
Documents
Settings
Find
Help
Run...
Shut Down...
Start
Control Panel
Printers
Taskbar...

2 **Double-click the [Add Printer] icon.**


Printers
File Edit View Help
Printers
Add Printer
TOSHIBA e-STUDIO2...
1 object(s) selected

The Add Printer Wizard dialog box appears.

3 **Select “My Computer” and click [Next].**


Add Printer Wizard

This wizard helps you install your printer or make printer connections. This printer will be managed by:

● My Computer

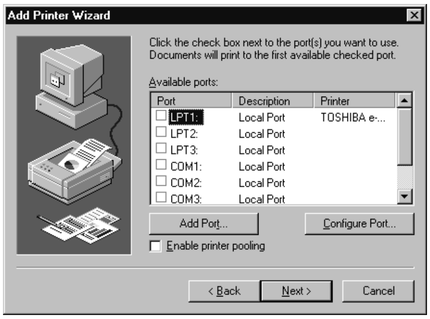
All settings will be managed and configured on this computer.

○ Network printer server

Connect to a printer on another machine. All settings for this printer are managed by a print server that has been set up by an administrator.

< Back
Next >
Cancel

4 Click [Add Port...].


Add Printer Wizard

Click the check box next to the port(s) you want to use. Documents will print to the first available checked port.

Available ports:

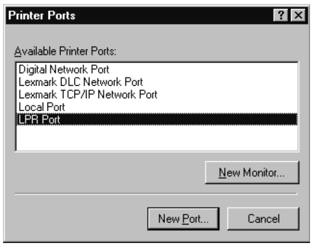
Port	Description	Printer
☐ LPT1:	Local Port	TOSHIBA e-...
☐ LPT2:	Local Port	
☐ LPT3:	Local Port	
☐ COM1:	Local Port	
☐ COM2:	Local Port	
☐ COM3:	Local Port	

☐ Enable printer pooling

Add Port...
Configure Port...
< Back
Next >
Cancel

The Printer Ports dialog box appears.

5 Select “LPR Port” and click [New Port...].


Printer Ports
New Monitor...
New Port...
Cancel

Available Printer Ports:

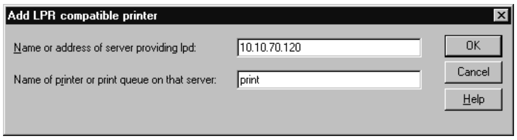
- Digital Network Port
- Lexmark DLC Network Port
- Lexmark TCP/IP Network Port
- Local Port
- LPR Port

The Add LPR compatible printer dialog box appears.

Note

If “LPR Port” is not listed, make sure the TCP/IP Printing Service is installed on your Windows NT 4.0. “LPR Port” is not listed unless the TCP/IP Printing Service is installed.

6 Enter the IP address of this equipment in the “Name or address of server providing lpd” field and “Print” in the “Name of printer or print queue on that server” field, and click [OK].

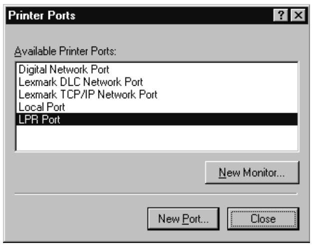

Add LPR compatible printer
OK
Cancel
Help

Name or address of server providing lpd: 10.10.70.120

Name of printer or print queue on that server: print

When your network uses DNS or WINS server, enter the printer name of this equipment provided from DNS or WINS in the “Name or address of server providing lpd” field.

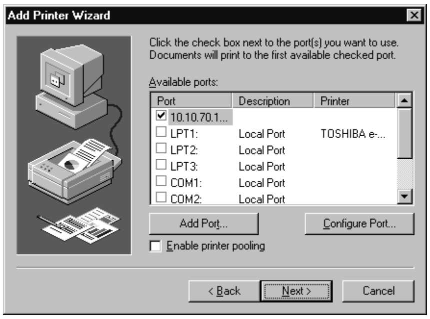
7 Click [Close] to close the Printer Ports dialog box.


Printer Ports
New Monitor...
New Port...
Close

Available Printer Ports:

- Digital Network Port
- Lexmark DLC Network Port
- Lexmark TCP/IP Network Port
- Local Port
- LPR Port

8 **Make sure that the created LPR Port is selected in the "Available ports" list and click [Next].**

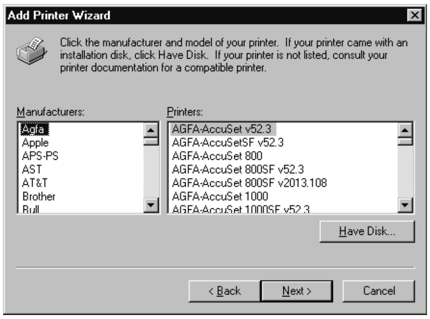

Add Printer Wizard
Available ports:
Add Port...
Configure Port...
< Back
Next >
Cancel

Click the check box next to the port(s) you want to use. Documents will print to the first available checked port.

Port	Description	Printer
☑ 10.10.70.1...		
☐ LPT1:	Local Port	TOSHIBA e-...
☐ LPT2:	Local Port	
☐ LPT3:	Local Port	
☐ COM1:	Local Port	
☐ COM2:	Local Port	

☐ Enable printer pooling

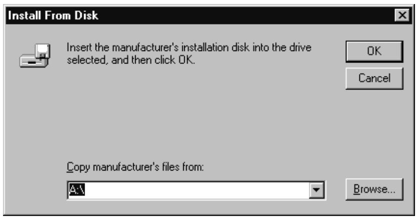
9 **Click [Have Disk...].**


Add Printer Wizard
Manufacturers:
Agfa
Apple
APS-PS
AST
AT&T
Brother
Bull
Printers:
AGFA-AccuSet v52.3
AGFA-AccuSetSF v52.3
AGFA-AccuSet 800
AGFA-AccuSet 800SF v52.3
AGFA-AccuSet 800SF v2013.108
AGFA-AccuSet 1000
AGFA-AccuSet 1000SF v52.3
Have Disk...
< Back
Next >
Cancel

Click the manufacturer and model of your printer. If your printer came with an installation disk, click Have Disk. If your printer is not listed, consult your printer documentation for a compatible printer.

The Install From Disk dialog box appears.

10 **Click [Browse...].**

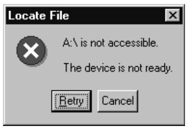

Install From Disk
OK
Cancel
Browse...

Insert the manufacturer's installation disk into the drive selected, and then click OK.

Copy manufacturer's files from: A:\

The "A:\ is not accessible" message appears.

11 **Click [Cancel].**


Locate File
Retry
Cancel

A:\ is not accessible.

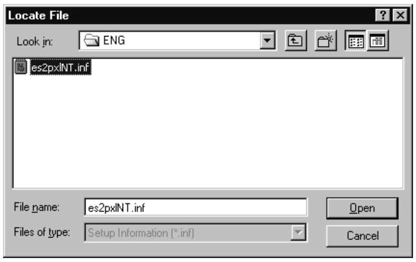
The device is not ready.

The Locate File dialog box appears.

12 **Insert the Client Utilities CD-ROM into the CD-ROM drive.**

When inserting the Client Utilities CD-ROM, the installer may automatically start. Click [Cancel] to exit the installer and continue the operation.

13 Locate the directory where the printer driver for Windows NT 4.0 is located and click [Open].


Locate File

Look in: ENG

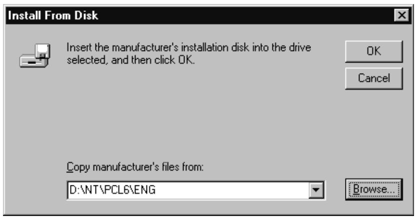
es2pxlNT.inf

File name: es2pxlNT.inf

Files of type: Setup Information (*.inf)

- To install the PCL6 printer driver, locate "[CD-ROM drive]:\NT\PCL6\<language>".
- To install the PS3 printer driver, locate "[CD-ROM drive]:\NT\PS\<language>".

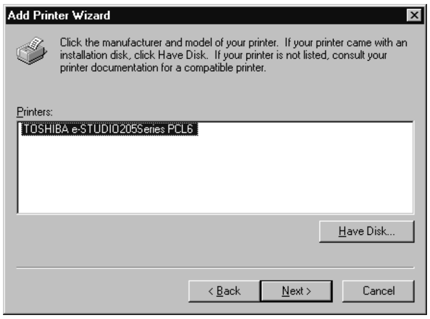
14 Click [OK].


Install From Disk

Insert the manufacturer's installation disk into the drive selected, and then click OK.

Copy manufacturer's files from: D:\NT\PCL6\ENG

15 Select the printer driver and click [Next].

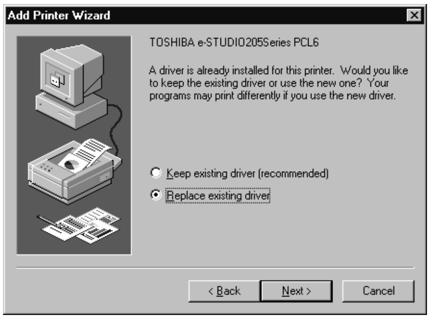

Add Printer Wizard

Click the manufacturer and model of your printer. If your printer came with an installation disk, click Have Disk. If your printer is not listed, consult your printer documentation for a compatible printer.

Printers: TOSHIBA e-STUDIO205Series PCL6

Note

If the same printer driver has been installed, the following dialog box appears. If it appears, select “Replace existing driver” and click [Next].


Add Printer Wizard

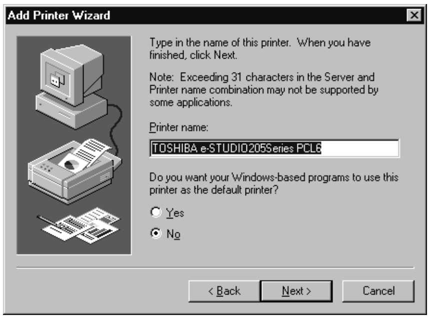
TOSHIBA e-STUDIO205Series PCL6

A driver is already installed for this printer. Would you like to keep the existing driver or use the new one? Your programs may print differently if you use the new driver.

○ Keep existing driver (recommended)

● Replace existing driver

16 Change the name if desired and click [Next].



Type in the name of this printer. When you have finished, click Next.

Note: Exceeding 31 characters in the Server and Printer name combination may not be supported by some applications.

Printer name: TOSHIBA e-STUDIO205Series PCL6

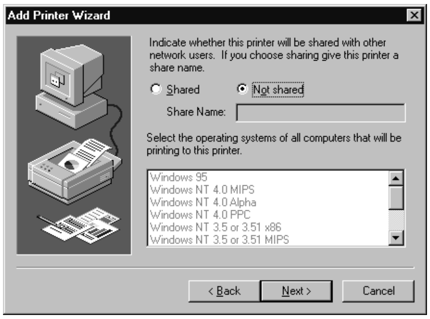
Do you want your Windows-based programs to use this printer as the default printer?

○ Yes
● No

Tip

If any printer drivers have installed on the computer, select whether using this printer as a default printer.

17 Select whether this printer is shared or not, and click [Next].



Indicate whether this printer will be shared with other network users. If you choose sharing give this printer a share name.

○ Shared ● Not shared

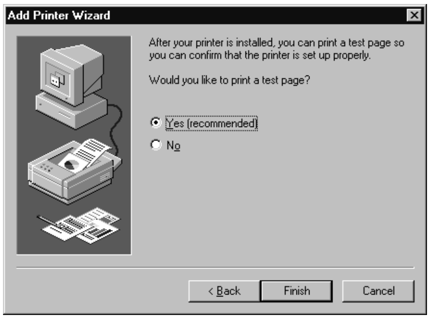
Share Name:

Select the operating systems of all computers that will be printing to this printer.

Windows 95
Windows NT 4.0 MIPS
Windows NT 4.0 Alpha
Windows NT 4.0 PPC
Windows NT 3.5 or 3.51 x86
Windows NT 3.5 or 3.51 MIPS

When you select “Shared”, you can also select the operating systems of printer drivers that you want to install for clients. If you select any operating systems, repeat the procedure from Step 9 to 15 to install the printer drivers for selected operating systems.

18 Select "Yes (recommended)" to print a test page and click [Finish].



After your printer is installed, you can print a test page so you can confirm that the printer is set up properly.

Would you like to print a test page?

● Yes (recommended)
○ No

19 The installation is completed.

Note

Before using the printer driver for printing, please configure the installed options of the equipment and department code (if required) on the printer driver.
📖 P.154 “Before using the printer driver”

Installing client software for IPP printing

This section describes how to set up the printer drivers for IPP printing which is available for Internet connection.
To set up the printer drivers for IPP printing, install the printer drivers by Add Printer Wizard, and then install the other software that you require.

Tip

The Font Manager is available to install and manage the TrueType fonts on your computer. To install the Font Manager, you must install it from the Client Utilities CD-ROM.
📖 P.246 "Installing Font Manager"

Notes

- Before installing the printer driver for IPP printing, check with your system administrator to make sure of the following:
  - This equipment is connected to the network and turned on.
  - The TCP/IP setting is correct on this equipment and your computer.
- IPP Printing is only available for Windows 98, Windows Me, Windows 2000, Windows XP, and Windows Server 2003.

Installation for IPP printing by Add Printer Wizard

— Windows 98/Me

Installing the printer driver for IPP printing by Add Printer Wizard

The following describes an installation on Windows 98. The procedure is the same when Windows Me is used.
Note that, before installing the printer driver, you need to install the IPP client on your computer by executing the "wpnpins.exe" as explained below.

1 Copy the "wpnpins.exe" to the desktop.

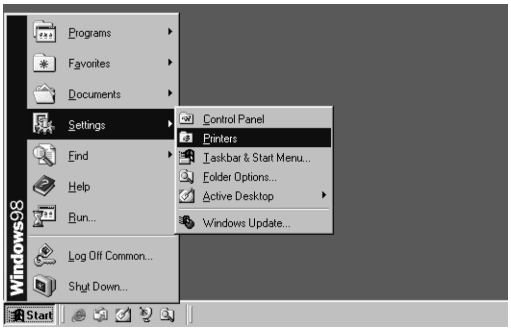
- For Windows 98: Download "wpnpins.exe" from the following URL:
  http://www.microsoft.com/windows98/downloads/contents/WUPreviews/IPP/
- For Windows Me: Copy "wpnpins.exe" from your Windows Me CD-ROM.
  [CD-ROM drive]: \add-ons\IPP

2 Double-click the "wpnpins.exe".

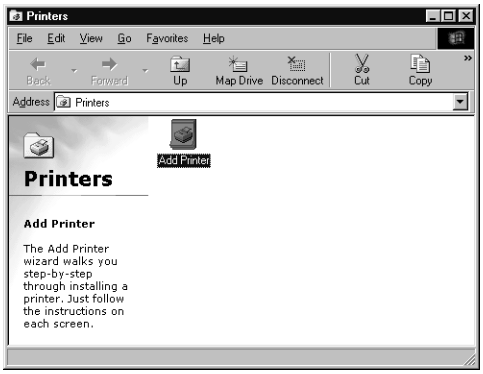
The Internet Printer Installation dialog box appears.

3 Click [OK] to restart your computer.

4 Click [Start] and select [Printers] in [Settings].


Programs
Favorites
Documents
Settings
Find
Help
Run...
Log Off Common...
Shut Down...
Windows98
Start
Control Panel
Printers
Taskbar & Start Menu...
Folder Options...
Active Desktop
Windows Update...

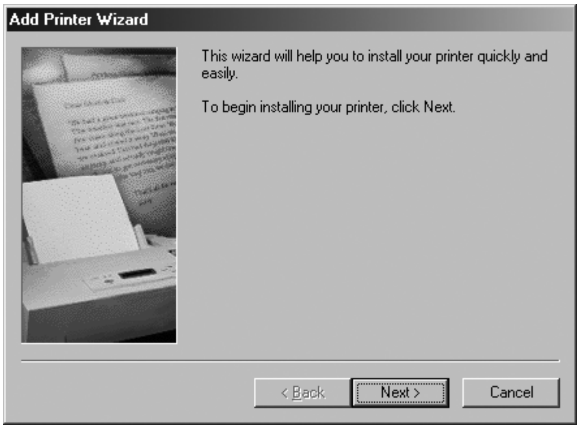
5 Double-click the [Add Printer] icon.


Printers
File Edit View Go Favorites Help
Back
Forward
Up
Map Drive
Disconnect
Cut
Copy
Address
Printers
Add Printer
Printers
Add Printer

The Add Printer wizard walks you step-by-step through installing a printer. Just follow the instructions on each screen.

The Add Printer Wizard dialog box appears.

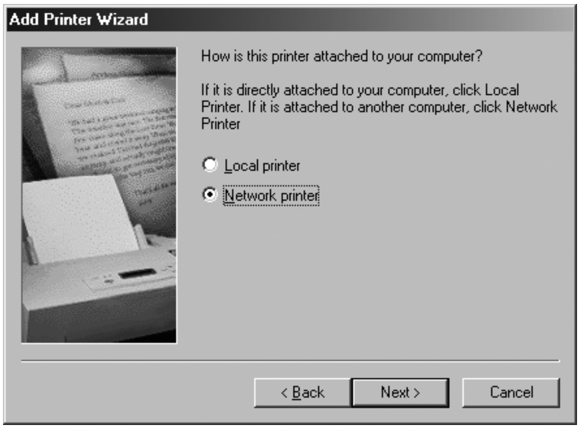
6 Click [Next].


Add Printer Wizard
< Back
Next >
Cancel

This wizard will help you to install your printer quickly and easily.

To begin installing your printer, click Next.

7 Select “Network printer” and click [Next].



Add Printer Wizard

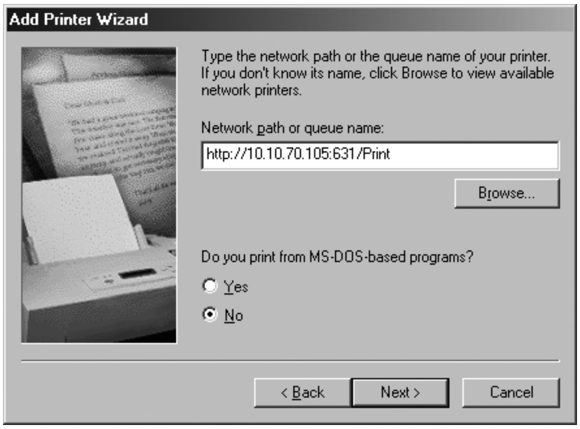
How is this printer attached to your computer?

If it is directly attached to your computer, click Local Printer. If it is attached to another computer, click Network Printer

○ Local printer

● Network printer

8 Enter “http://[IP address]:631/Print” in the “Network path or queue name:” field.



Add Printer Wizard

Type the network path or the queue name of your printer. If you don't know its name, click Browse to view available network printers.

Network path or queue name: http://10.10.70.105:631/Print

Do you print from MS-DOS-based programs?

○ Yes

● No

- Enter the IP address of this equipment instead of [IP address].
  Example: IP address = 10.10.70.105
  http://10.10.70.105:631/Print
- If your network uses a DNS or WINS server, enter the printer name of this equipment provided from DNS or WINS instead of [IP address].
  Example: Print Server Name = Mfp-00c67861
  http://Mfp-00c67861:631/Print
- When you connect from the Internet, enter the FQDN of this equipment provided from DNS instead of [IP address].
  Example: URL = mfp_00c67861.toshiba.com
  http://mfp_00c67861.toshiba.com:631/Print

Note

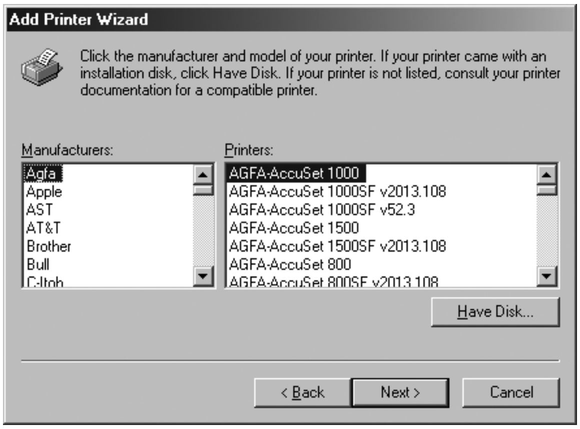
“P” for “Print” in the “Network path or queue name:” field must be capitalized.

Tip

If an administrator has enabled the IPP Port 80 Enabled option on this equipment, you can exclude the port number from the “Network path or queue name:” field . (i.e. “http://192.168.255.48/Print”)

9 **Click [Next].**

10 **Click [Have Disk...].**

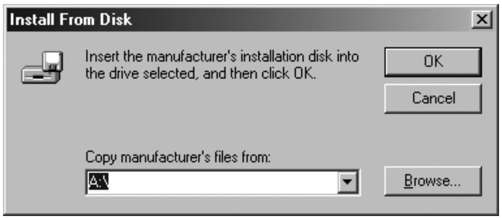

Add Printer Wizard

Click the manufacturer and model of your printer. If your printer came with an installation disk, click Have Disk. If your printer is not listed, consult your printer documentation for a compatible printer.

Manufacturers:
Agfa
Apple
AST
AT&T
Brother
Bull
C-Itoh
Printers:
AGFA-AccuSet 1000
AGFA-AccuSet 1000SF v2013.108
AGFA-AccuSet 1000SF v52.3
AGFA-AccuSet 1500
AGFA-AccuSet 1500SF v2013.108
AGFA-AccuSet 800
AGFA-AccuSet 800SF v2013.108
Have Disk...
< Back
Next >
Cancel

The Install From Disk dialog box appears.

11 **Click [Browse...].**


Install From Disk

Insert the manufacturer's installation disk into the drive selected, and then click OK.

Copy manufacturer's files from: A:\

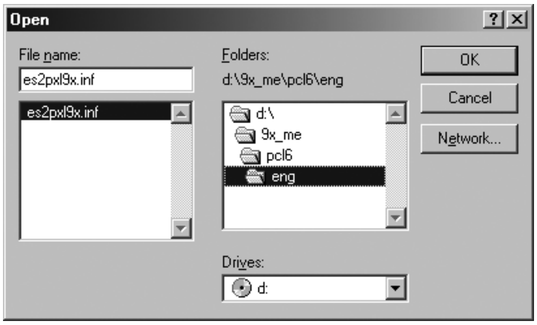
OK
Cancel
Browse...

The Open dialog box appears.

12 **Insert the Client Utilities CD-ROM into the CD-ROM drive.**

When inserting the Client Utilities CD-ROM, the installer may automatically start. Click [Cancel] to make the installer exit and continue the operation.

13 **Locate the directory where the printer driver for Windows 98/Me is located, select the inf file, and click [OK].**


Open

File name: es2pxl9x.inf

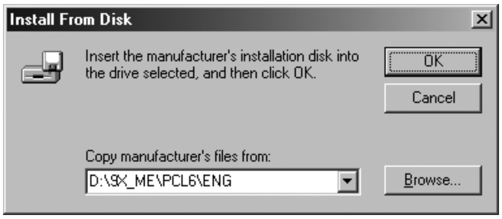
Folders: d:\9x_me\pcl6\eng

Drives: d:

es2pxl9x.inf
d:\
9x_me
pcl6
eng
OK
Cancel
Network...

- To install the PCL6 printer driver for Windows 98/Me, locate "[CD-ROM drive]:\9X_ME\PCL6\<language>".
- To install the PS3 printer driver for Windows 98/Me locate "[CD-ROM drive]:\9X_ME\PS\<language>".

14 Click [OK].



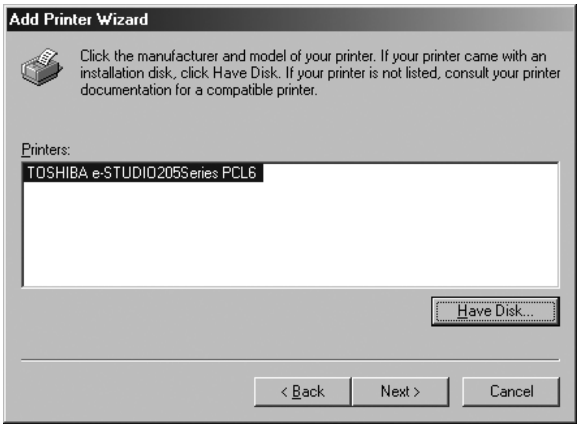
Install From Disk

Insert the manufacturer's installation disk into the drive selected, and then click OK.

Copy manufacturer's files from:

D:\9X_ME\PCL6\ENG

15 Select the printer driver and click [Next].



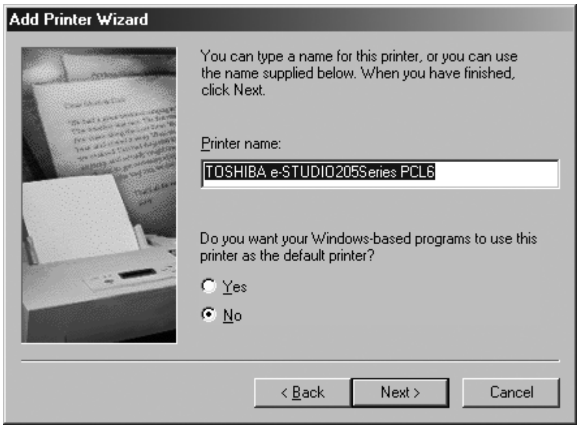
Add Printer Wizard

Click the manufacturer and model of your printer. If your printer came with an installation disk, click Have Disk. If your printer is not listed, consult your printer documentation for a compatible printer.

Printers:

TOSHIBA e-STUDIO205Series PCL6

16 Change the name if desired and click [Next].



Add Printer Wizard

You can type a name for this printer, or you can use the name supplied below. When you have finished, click Next.

Printer name:

TOSHIBA e-STUDIO205Series PCL6

Do you want your Windows-based programs to use this printer as the default printer?

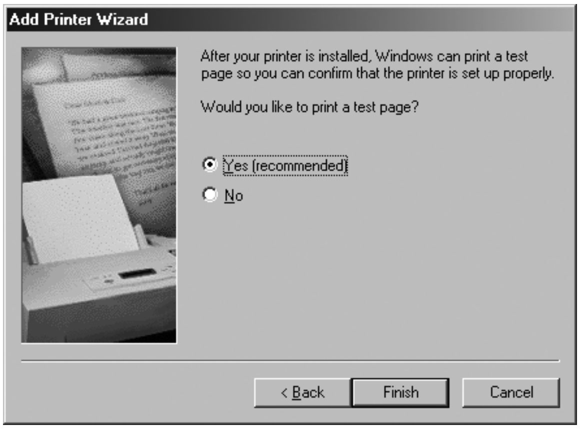
○ Yes

● No

Tip

If any printer drivers have been installed on your computer, select whether you use this printer as the default printer.

17 **Select "Yes (recommended)" to print a test page and click [Finish].**



Add Printer Wizard

After your printer is installed, Windows can print a test page so you can confirm that the printer is set up properly.

Would you like to print a test page?

● Yes (recommended)

○ No

< Back
Finish
Cancel

Start copying files.

18 **The installation is completed.**

Note

Before using the printer driver for printing, please configure the installed options of the equipment and department code (if required) on the printer driver.
📖 P.154 "Before using the printer driver"

— Windows 2000/XP/Server 2003

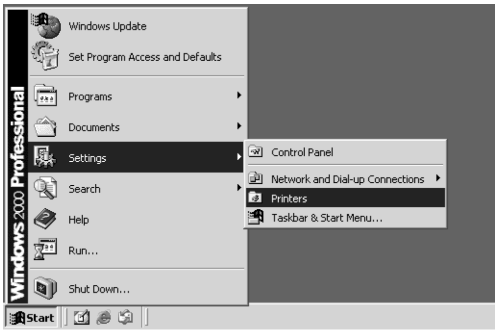
Installing the printer driver for IPP printing by Add Printer Wizard

The following describes an installation on Windows 2000. The procedure is the same when Windows XP or Windows Server 2003 is used.

Note

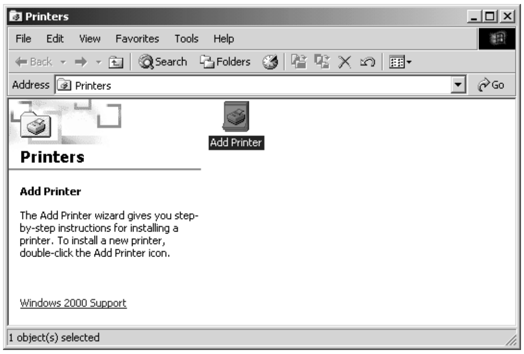
You must log into Windows as a user who has the "Administrators" or "Power Users" privilege.

1 **Click [Start] and select [Printers] in [Settings] (Windows 2000) or select [Printers and Faxes] (Windows XP/Server 2003).**


Windows Update
Set Program Access and Defaults
Programs
Documents
Settings
Search
Help
Run...
Shut Down...
Control Panel
Network and Dial-up Connections
Printers
Taskbar & Start Menu...
Windows 2000 Professional
Start

The Printers folder is opened.

2 Double-click the [Add Printers] icon.


Printers
File
Edit
View
Favorites
Tools
Help
Back
Search
Folders
Address
Printers
Go
Add Printer

Printers

Add Printer

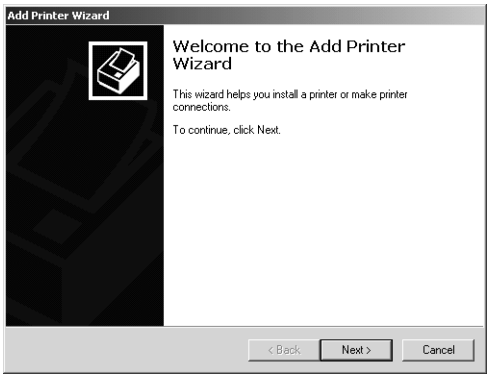
The Add Printer wizard gives you step-by-step instructions for installing a printer. To install a new printer, double-click the Add Printer icon.

Windows 2000 Support

1 object(s) selected

- When using the Windows XP/Server 2003, click [Add a printer] in the Printer Tasks menu.
- The Add Printer Wizard dialog box appears.

3 Click [Next].

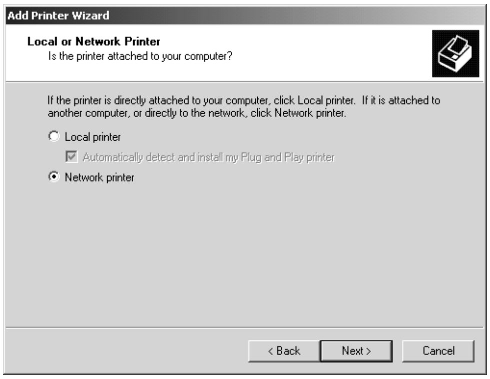

Add Printer Wizard
< Back
Next >
Cancel

Welcome to the Add Printer Wizard

This wizard helps you install a printer or make printer connections.

To continue, click Next.

4 Select “Network printer” and click [Next].

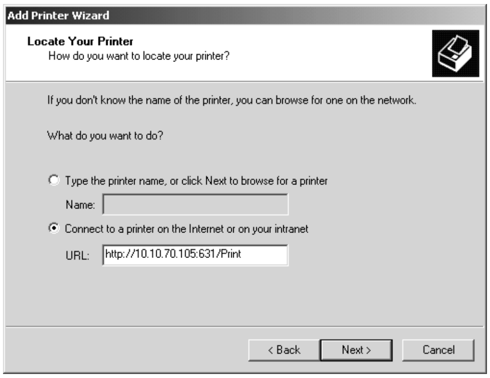

Add Printer Wizard
< Back
Next >
Cancel

Local or Network Printer
Is the printer attached to your computer?

If the printer is directly attached to your computer, click Local printer. If it is attached to another computer, or directly to the network, click Network printer.

○ Local printer
☑ Automatically detect and install my Plug and Play printer
● Network printer

5 Select “Connect to a printer on the Internet or on your intranet”, and enter “http://[IP address]:631/Print” in the “URL” field.



Add Printer Wizard

Locate Your Printer
How do you want to locate your printer?

If you don't know the name of the printer, you can browse for one on the network.

What do you want to do?

○ Type the printer name, or click Next to browse for a printer
Name:
● Connect to a printer on the Internet or on your intranet
URL: http://10.10.70.105:631/Print

- Enter the IP address of this equipment instead of [IP address].
  Example: IP address = 10.10.70.105
  http://10.10.70.105:631/Print
- If your network uses a DNS or WINS server, enter the printer name of this equipment provided from DNS or WINS instead of [IP address].
  Example: Print Server Name = Mfp-00c67861
  http://Mfp-00c67861:631/Print
- When you connect from the Internet, enter the FQDN of this equipment provided from DNS instead of [IP address].
  Example: URL = mfp_00c67861.toshiba.com
  http://mfp_00c67861.toshiba.com:631/Print

Note

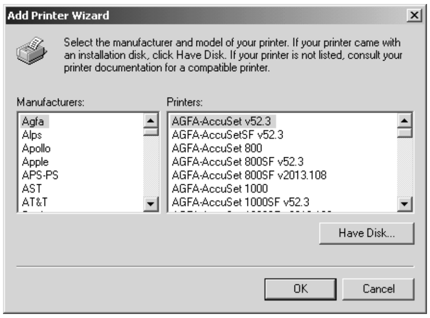
“P” for “Print” in the IPP URL must be capitalized. When you are using on Windows XP, the IPP port can be created by entering “print” (non-capitalized) in the IPP URL, but the print job cannot be sent to the equipment. In that case, delete the IPP port and then create the IPP port correctly again.

Tip

If an administrator has enabled the IPP Port80 Enabled option on this equipment, you can exclude the port number from the URL. (i.e. “http://192.168.255.48/Print”)

6 Click [Next].

7 Click [Have Disk...].



Add Printer Wizard

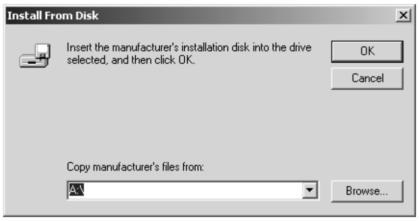
Select the manufacturer and model of your printer. If your printer came with an installation disk, click Have Disk. If your printer is not listed, consult your printer documentation for a compatible printer.

Manufacturers:
Agfa
Alps
Apollo
Apple
APS-PS
AST
AT&T

Printers:
AGFA-AccuSet v52.3
AGFA-AccuSetSF v52.3
AGFA-AccuSet 800
AGFA-AccuSet 800SF v52.3
AGFA-AccuSet 800SF v2013.108
AGFA-AccuSet 1000
AGFA-AccuSet 1000SF v52.3

The Install From Disk dialog box appears.

8 Click [Browse...].


Install From Disk
OK
Cancel
Browse...

Insert the manufacturer's installation disk into the drive selected, and then click OK.

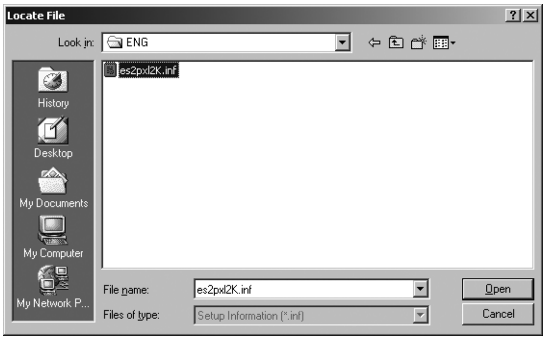
Copy manufacturer's files from: A:\

The Locate File dialog box appears.

9 Insert the Client Utilities CD-ROM into the CD-ROM drive.

When inserting the Client Utilities CD-ROM, the installer may automatically start. Click [Cancel] to exit the installer and continue the operation.

10 Locate the directory where the printer driver for your Windows version is located, select the inf file, and click [Open].


Locate File
es2pxl2K.inf
History
Desktop
My Documents
My Computer
My Network P...
Open
Cancel

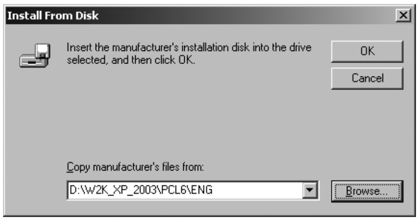
Look in: ENG

File name: es2pxl2K.inf

Files of type: Setup Information (*.inf)

- To install the PCL6 printer driver for Windows 2000/XP/Server 2003, locate "[CD-ROM drive]:\W2K_XP_2003\PCL6\<language>".
- To install the PS3 printer driver for Windows 2000/XP/ Server 2003, locate "[CD-ROM drive]:\W2K_XP_2003\PS\<language>".

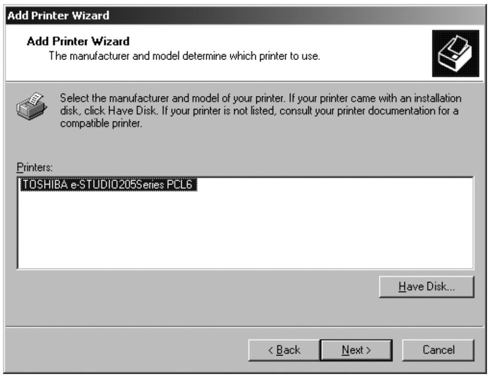
11 Click [OK].


Install From Disk
OK
Cancel
Browse...

Insert the manufacturer's installation disk into the drive selected, and then click OK.

Copy manufacturer's files from: D:\W2K_XP_2003\PCL6\ENG

12 Select the printer driver and click [NEXT].



Add Printer Wizard

Add Printer Wizard
The manufacturer and model determine which printer to use.

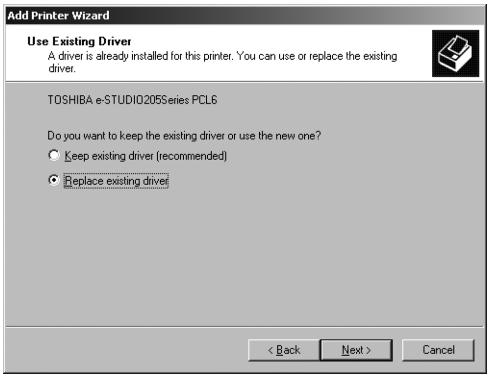
Select the manufacturer and model of your printer. If your printer came with an installation disk, click Have Disk. If your printer is not listed, consult your printer documentation for a compatible printer.

Printers:
TOSHIBA e-STUDIO205Series PCL6

- If any other printer driver(s) had already been installed on your computer, the Default Printer screen is displayed. Continue to next step.
- If no printer driver had been installed on your computer, the complete screen is displayed. Skip to step 14.

Note

If the same printer driver has been installed, the following dialog box appears. If it appears, select “Replace existing driver” and click [Next].



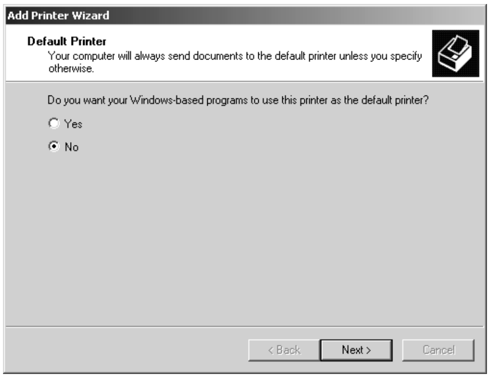
Add Printer Wizard

Use Existing Driver
A driver is already installed for this printer. You can use or replace the existing driver.

TOSHIBA e-STUDIO205Series PCL6

Do you want to keep the existing driver or use the new one?
○ Keep existing driver (recommended)
● Replace existing driver

13 Select whether using this printer as a default printer and click [Next].

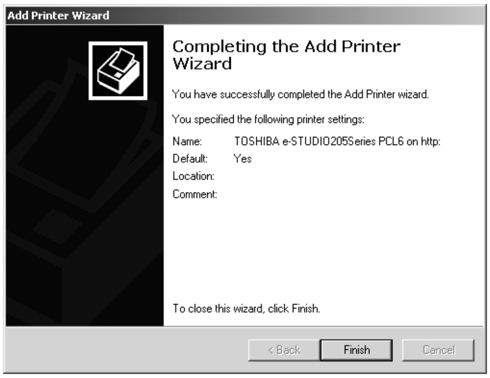


Add Printer Wizard

Default Printer
Your computer will always send documents to the default printer unless you specify otherwise.

Do you want your Windows-based programs to use this printer as the default printer?
○ Yes
● No

14 Click [Finish].



Add Printer Wizard

Completing the Add Printer Wizard

You have successfully completed the Add Printer wizard.

You specified the following printer settings:

Name: TOSHIBA e-STUDIO205Series PCL6 on http:
Default: Yes
Location:
Comment:

To close this wizard, click Finish.

The printer driver is installed.

Note

Before using the printer driver for printing, please configure the installed options of the equipment and department code (if required) on the printer driver.
📖 P.154 “Before using the printer driver”

Installing client software for Novell printing

This section describes how to install the client software for Novell printing on NetWare print server environments.

There are three ways to set up the printer drivers for Novell printing:

- Using the installer in the Client Utilities CD-ROM
  When you insert the Client Utilities CD-ROM into your CD-ROM drive, the installer automatically starts. You can install printer drivers and other client software using the installer. If you want to install printer drivers as well as other client software, this method is convenient.
  📖 P.75 “Installation for Novell printing using the installer”
- Using Point and Print
  You can install the printer driver by double-clicking network queues on the NetWare. If the NetWare has been set up for NDPS, printer drivers can be downloaded from the system so that the Client Utilities CD-ROM is not required.
  📖 P.80 “Installation for Novell printing by Point and Print”
- Using Add Printer Wizard
  When you want to install the printer drivers without connecting to the equipment using Point and Print, install the printer drivers using the Add Printer Wizard.
  📖 P.87 “Installation for Novell printing by Add Printer Wizard”

Tip

The Font Manager is available to install and manage the TrueType fonts on your computer. To install the Font Manager, you must install it from the Client Utilities CD-ROM.
📖 P.246 “Installing Font Manager”

Note

Before installing the printer driver for Novell printing, check with your system administrator to make sure of the following:

- This equipment is connected to the network and turned on.
- The NetWare server is configured correctly and running on your network.
- The IPX/SPX or TCP/IP, and NetWare settings are correct on this equipment.

Before installing the client software for Novell printing, please make sure following network services and protocols are installed on your computer:

Windows 98/ME

- TCP/IP protocol (Required only when using the NetWare in the TCP/IP network.)
- IPX/SPX-compatible protocol (Required only when using the NetWare in the IPX/SPX network.)
- Client for NetWare Network
- Service for NetWare Directory Service (Required only when using the NetWare server in NDS mode.)

Windows NT 4.0

- TCP/IP protocol (Required only when using the NetWare in the TCP/IP network.)
- NWLink IPX/SPX Compatible Transport protocol (Required only when using the NetWare in the IPX/SPX network.)
- NWLink NetBIOS protocol (Required only when using the NetWare in the IPX/SPX network.)
- Gateway (and Client) Services for NetWare

Windows 2000/XP/Server 2003

- NWLink IPX/SPX/NetBIOS Compatible Transport Protocol (Required only when using the NetWare in the IPX/SPX network.)
- Gateway (and Client) Services for NetWare

Installation for Novell printing using the installer

You can install the client software and set up the Novell printing using the installer in the Client Utilities CD-ROM.

Installing the client software for Novell printing using the installer

The following describes an installation on Windows 2000. The procedure is the same when other versions of Windows are used.

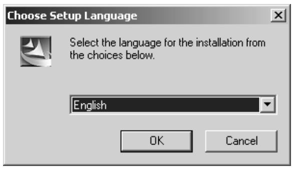
Notes

- You must log into Windows as a user who has the “Administrators” or “Power Users” privilege when using Windows NT 4.0, Windows 2000, Windows XP, or Windows Server 2003.
- You have an appropriate privilege to access the NetWare server.

1 **Insert the Client Utilities CD-ROM into the CD-ROM drive.**

- The installer automatically starts and the Choose Setup Language dialog box appears.
- If the installer does not automatically start, double-click “Setup.exe” in the Client Utilities CD-ROM.

2 **Select your language and click [OK].**

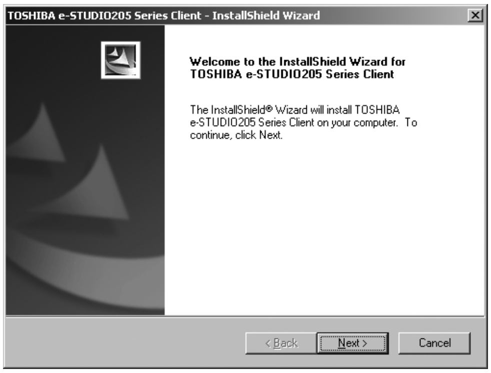


Select the language for the installation from the choices below.

English

The License Agreement screen is displayed.

3 **Click [Next].**

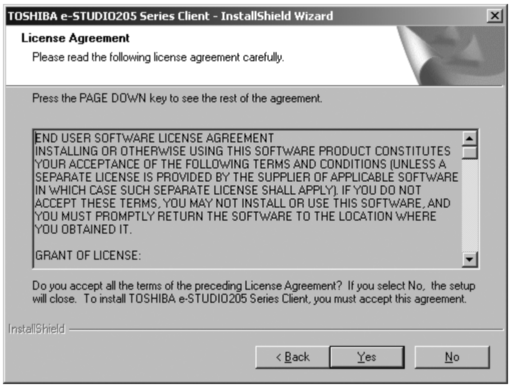


Welcome to the InstallShield Wizard for TOSHIBA e-STUDIO205 Series Client

The InstallShield® Wizard will install TOSHIBA e-STUDIO205 Series Client on your computer. To continue, click Next.

The License Agreement screen is displayed.

4 Please read the license agreement carefully and click [Yes].


TOSHIBA e-STUDIO205 Series Client - InstallShield Wizard

License Agreement

Please read the following license agreement carefully.

Press the PAGE DOWN key to see the rest of the agreement.

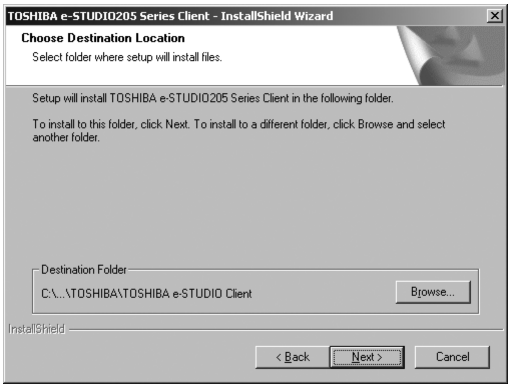
END USER SOFTWARE LICENSE AGREEMENT
INSTALLING OR OTHERWISE USING THIS SOFTWARE PRODUCT CONSTITUTES YOUR ACCEPTANCE OF THE FOLLOWING TERMS AND CONDITIONS (UNLESS A SEPARATE LICENSE IS PROVIDED BY THE SUPPLIER OF APPLICABLE SOFTWARE IN WHICH CASE SUCH SEPARATE LICENSE SHALL APPLY). IF YOU DO NOT ACCEPT THESE TERMS, YOU MAY NOT INSTALL OR USE THIS SOFTWARE, AND YOU MUST PROMPTLY RETURN THE SOFTWARE TO THE LOCATION WHERE YOU OBTAINED IT.

GRANT OF LICENSE:

Do you accept all the terms of the preceding License Agreement? If you select No, the setup will close. To install TOSHIBA e-STUDIO205 Series Client, you must accept this agreement.

The Choose Destination Location screen is displayed.

5 Click [Next].


TOSHIBA e-STUDIO205 Series Client - InstallShield Wizard

Choose Destination Location

Select folder where setup will install files.

Setup will install TOSHIBA e-STUDIO205 Series Client in the following folder.

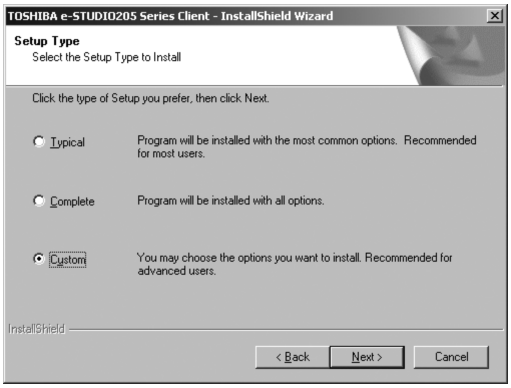
To install to this folder, click Next. To install to a different folder, click Browse and select another folder.

Destination Folder
C:\...\TOSHIBA\TOSHIBA e-STUDIO Client

If you want to change where the programs are installed, click [Browse]. In the dialog box appears, select the folder and click [OK].

The Setup Type screen is displayed.

6 Select “Custom” and click [Next].


TOSHIBA e-STUDIO205 Series Client - InstallShield Wizard

Setup Type

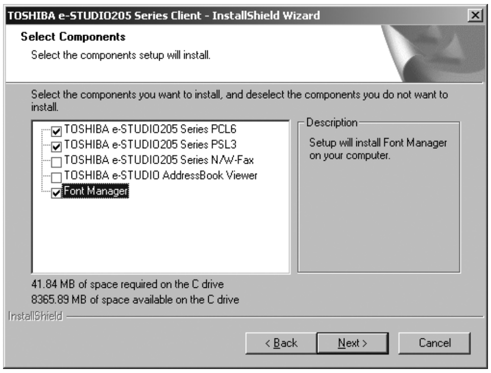
Select the Setup Type to Install

Click the type of Setup you prefer, then click Next.

○ Typical	Program will be installed with the most common options. Recommended for most users.
○ Complete	Program will be installed with all options.
● Custom	You may choose the options you want to install. Recommended for advanced users.

The Select Components screen is displayed.

7 Check the software that you want to install and click [Next].



Select Components

Select the components setup will install.

Select the components you want to install, and deselect the components you do not want to install.

- ☑ TOSHIBA e-STUDIO205 Series PCL6
- ☑ TOSHIBA e-STUDIO205 Series PSL3
- ☐ TOSHIBA e-STUDIO205 Series N/W-Fax
- ☐ TOSHIBA e-STUDIO AddressBook Viewer
- ☑ Font Manager

Description

Setup will install Font Manager on your computer.

41.84 MB of space required on the C drive

8365.89 MB of space available on the C drive

TOSHIBA e-STUDIO205 Series PCL6 — Check this to install the PCL6 printer driver.
TOSHIBA e-STUDIO205 Series PSL3 — Check this to install the PS3 printer driver

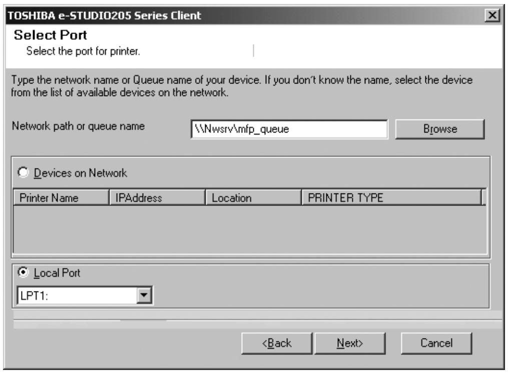
The Select Port screen is displayed.

Tip

The names of other software are displayed in the Select Components dialog box. (You can install them as required.)

8 Enter “\\<NetWare file server name>\<queue name>” in the “Network path or queue name” field, and click [Next].

Example: NetWare file server name=Nwsrv, queue name=mfp_queue
\\Nwsrv\mfp_queue


TOSHIBA e-STUDIO205 Series Client
Browse
Devices on Network
Printer Name
IPAddress
Location
PRINTER TYPE
Local Port
<Back
Next>
Cancel

Select Port

Select the port for printer.

Type the network name or Queue name of your device. If you don't know the name, select the device from the list of available devices on the network.

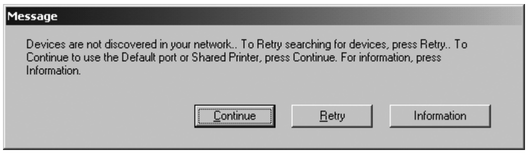
Network path or queue name: \\Nwsrv\mfp_queue

○ Devices on Network

● Local Port: LPT1:

Notes

- Even if this equipment is automatically discovered and displayed in the “Devices on Network” field, select “Local Port” and enter queue the as explained here. If you click [Next] without selecting “Local Port” and continue the installation procedure, it will not be correctly performed.
- If the following dialog box appears, click [Continue] to proceed the operation.

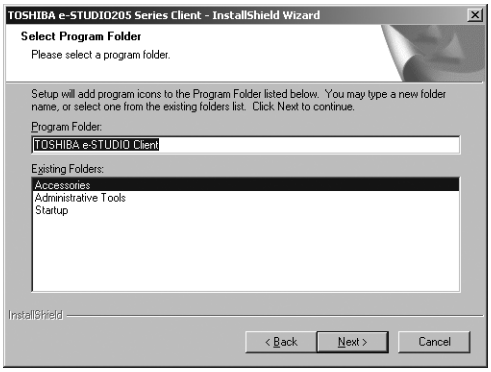

Message
Continue
Retry
Information

Devices are not discovered in your network.. To Retry searching for devices, press Retry.. To Continue to use the Default port or Shared Printer, press Continue. For information, press Information.

Tip

The queue for this equipment should be set up by an administrator. If you do not know the queue for this equipment, ask your administrator.

9 Click [Next].


TOSHIBA e-STUDIO205 Series Client - InstallShield Wizard

Select Program Folder

Please select a program folder.

Setup will add program icons to the Program Folder listed below. You may type a new folder name, or select one from the existing folders list. Click Next to continue.

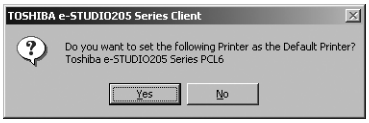
Program Folder: TOSHIBA e-STUDIO Client

Existing Folders:

- If you want to change the program folder, rename the folder in the “Program Folder” field.
- Starts copying files and the InstallShield Wizard Complete screen is displayed when copying files are completed.

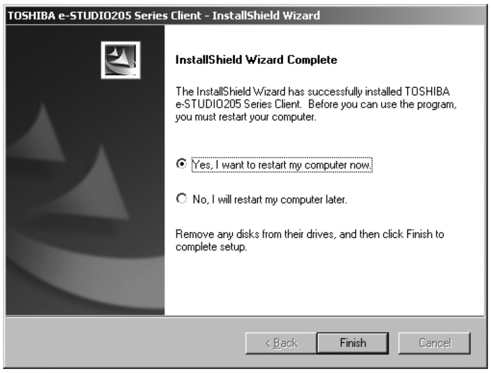
Notes

- If the Digital Signature Not Found dialog box appears while copying files. Click [Yes] to continue the installation.
- If the following message appears, click [Yes] to set the indicated printer driver to be the default printer driver, or click [No] to not change the default printer driver.


TOSHIBA e-STUDIO205 Series Client

Do you want to set the following Printer as the Default Printer?
Toshiba e-STUDIO205 Series PCL6

10 Click [Finish].


TOSHIBA e-STUDIO205 Series Client - InstallShield Wizard

InstallShield Wizard Complete

The InstallShield Wizard has successfully installed TOSHIBA e-STUDIO205 Series Client. Before you can use the program, you must restart your computer.

● Yes, I want to restart my computer now.

○ No, I will restart my computer later.

Remove any disks from their drives, and then click Finish to complete setup.

Note

The Installer may ask you to restart your computer. If it does, select “Yes, I want to restart my computer now.” and click [Finish] to restart your computer.

11 The installation is completed.

Note

Before using the printer driver for printing, please configure the installed options of the equipment and department code (if required) on the printer driver.
📖 P.154 "Before using the printer driver"

Installation for Novell printing by Point and Print

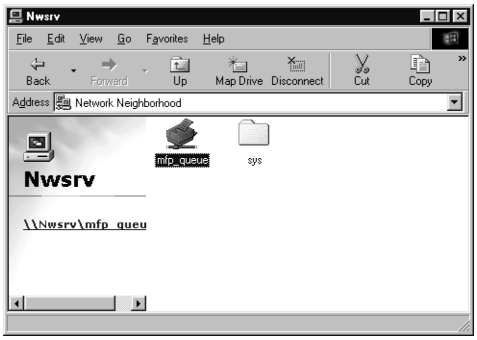
The procedure to install the printer driver for Novell printing by Point and Print differs depending on the version of Windows used.
📖 P.80 "Windows 98/Me"
📖 P.84 "Windows NT 4.0/2000/XP/Server 2003"

— Windows 98/Me

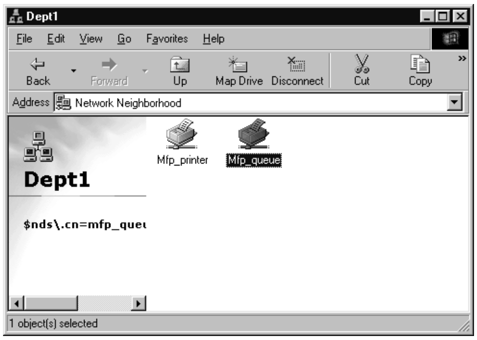
Installing the printer drivers for Novell printing by Point and Print

1 Open the NetWare queue for the equipment in the network with Windows Explorer, and double-click a queue.

When the NetWare has been set up for the Bindery mode, open the NetWare file server and double-click the queue for the equipment.

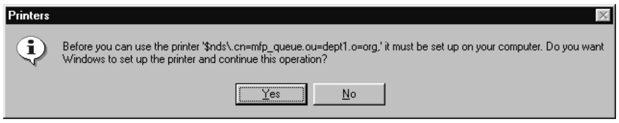

Nwsrv
File Edit View Go Favorites Help
Back
Forward
Up
Map Drive
Disconnect
Cut
Copy
Address
Network Neighborhood
Nwsrv
\\Nwsrv\mfp_queu
mfp_queue
sys

When the NetWare has been set up for the NDS or NDPS mode, browse the NDS tree and context, and double-click the queue for the equipment.


Dept1
File Edit View Go Favorites Help
Back
Forward
Up
Map Drive
Disconnect
Cut
Copy
Address
Network Neighborhood
Dept1
$nds\.cn=mfp_queu
Mfp_printer
Mfp_queue
1 object(s) selected

The Printers dialog box appears.

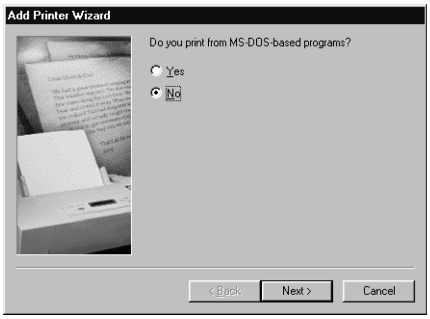
2 Click [Yes].


Printers
Yes
No

Before you can use the printer '$nds\.cn=mfp_queue.ou=dept1.o=org,' it must be set up on your computer. Do you want Windows to set up the printer and continue this operation?

The Add Printer Wizard dialog box appears.

3 Select whether printing MS-DOS-based programs and click [Next].

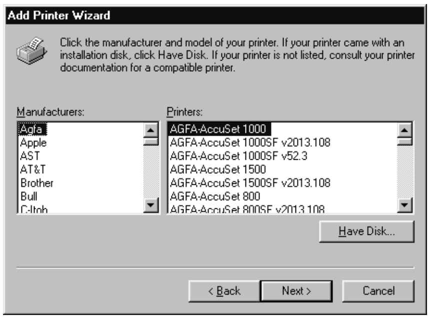

Add Printer Wizard
< Back
Next >
Cancel

Do you print from MS-DOS-based programs?

○ Yes
● No

- When using the NetWare in NDPS mode and the printer drivers for each Operating System are installed to a NDPS broker, the printer driver is automatically installed. Skip to Step 10.
- Unless using the NetWare in NDPS mode and printer drivers for each Operating System are installed to a NDPS broker, the Add Printer Wizard dialog box appears. Continue to the next step.

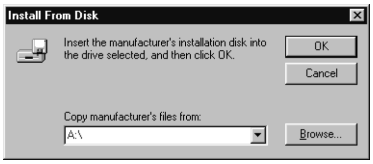
4 Click [Have Disk...].


Add Printer Wizard
Manufacturers:
Agfa
Apple
AST
AT&T
Brother
Bull
C-Itoh
Printers:
AGFA-AccuSet 1000
AGFA-AccuSet 1000SF v2013.108
AGFA-AccuSet 1000SF v52.3
AGFA-AccuSet 1500
AGFA-AccuSet 1500SF v2013.108
AGFA-AccuSet 800
AGFA-AccuSet 800SF v2013.108
Have Disk...
< Back
Next >
Cancel

Click the manufacturer and model of your printer. If your printer came with an installation disk, click Have Disk. If your printer is not listed, consult your printer documentation for a compatible printer.

The Install From Disk dialog box appears.

5 Click [Browse...].


Install From Disk
OK
Cancel
Browse...

Insert the manufacturer's installation disk into the drive selected, and then click OK.

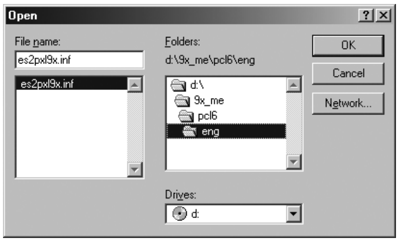
Copy manufacturer's files from: A:\

The Open dialog box appears.

6 Insert the Client Utilities CD-ROM into the CD-ROM drive.

When inserting the Client Utilities CD-ROM, the installer may automatically start. Click [Cancel] to exit the installer and continue the operation.

7 Locate the directory where the printer driver for Windows 98/Me is located and click [OK].


Open
OK
Cancel
Network...

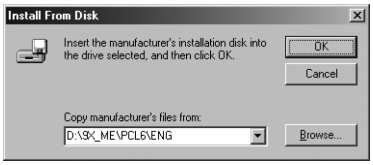
File name: es2pxl9x.inf

Folders: d:\9x_me\pcl6\eng

Drives: d:

- To install the PCL6 printer driver, locate "[CD-ROM drive]:\9X_ME\PCL6\<language>".
- To install the PS3 printer driver, locate "[CD-ROM drive]:\9X_ME\PS\<language>".

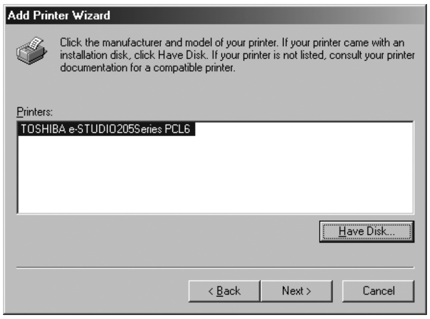
8 Click [OK].


Install From Disk
OK
Cancel
Browse...

Insert the manufacturer's installation disk into the drive selected, and then click OK.

Copy manufacturer's files from: D:\9X_ME\PCL6\ENG

9 Select the printer driver and click [Next].

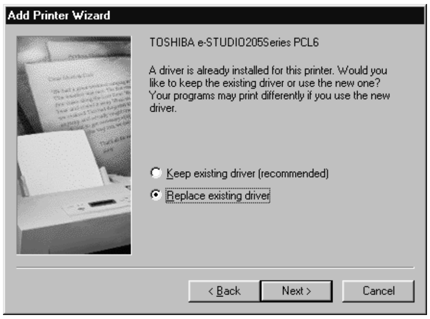

Add Printer Wizard
Have Disk...
< Back
Next >
Cancel

Click the manufacturer and model of your printer. If your printer came with an installation disk, click Have Disk. If your printer is not listed, consult your printer documentation for a compatible printer.

Printers: TOSHIBA e-STUDIO205Series PCL6

Note

If the same printer driver has been installed, the following dialog box appears. If it appears, select “Replace existing driver” and click [Next].


Add Printer Wizard
< Back
Next >
Cancel

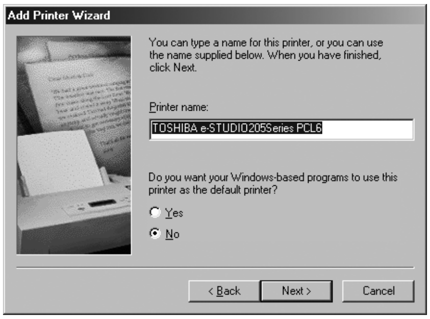
TOSHIBA e-STUDIO205Series PCL6

A driver is already installed for this printer. Would you like to keep the existing driver or use the new one? Your programs may print differently if you use the new driver.

○ Keep existing driver (recommended)

● Replace existing driver

10 Change the name if desired, select whether you are using this printer as a default printer, and click [Next].



You can type a name for this printer, or you can use the name supplied below. When you have finished, click Next.

Printer name: TOSHIBA e-STUDIO205Series PCL6

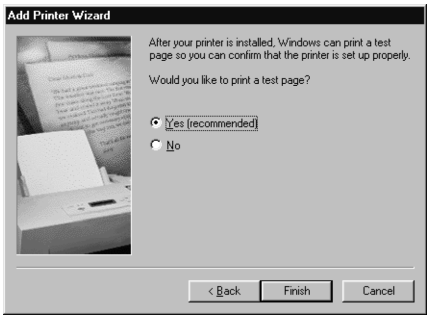
Do you want your Windows-based programs to use this printer as the default printer?

○ Yes
● No

Tip

If any printer drivers have installed on the computer, select whether using this printer as a default printer.

11 Select “Yes” to print a test page and click [Finish].



After your printer is installed, Windows can print a test page so you can confirm that the printer is set up properly.

Would you like to print a test page?

● Yes (recommended)
○ No

12 The printer driver is installed.

Note

Before using the printer driver for printing, please configure the installed options of the equipment and department code (if required) on the printer driver.
📖 P.154 “Before using the printer driver”

— Windows NT 4.0/2000/XP/Server 2003

Installing the printer drivers for Novell printing by Point and Print

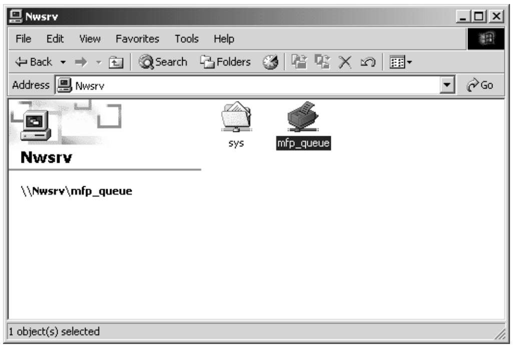
The following describes an installation on Windows 2000. The procedure is the same when Windows NT 4.0, Windows XP, or Windows Server 2003 is used.

Note

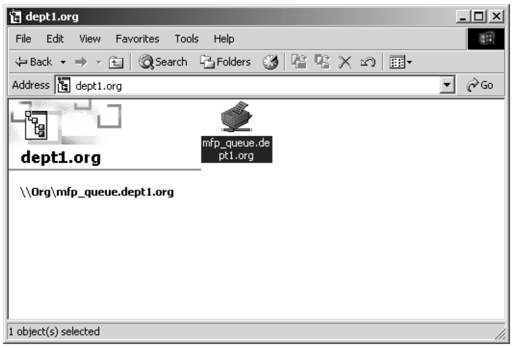
You must log into Windows as a user who has the “Administrators” or “Power Users” privilege when using Windows NT 4.0, Windows 2000, Windows XP, or Windows Server 2003.

1 Open the NetWare queue for the equipment in the network with Windows Explorer, and double-click a queue.

When the NetWare has been set up for the Bindery mode, open the NetWare file server and double-click the queue for the equipment.

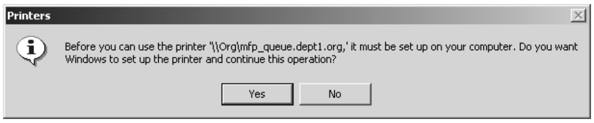

Nwsrv
File Edit View Favorites Tools Help
Back Search Folders
Address Nwsrv
Go
Nwsrv
\\Nwsrv\mfp_queue
sys
mfp_queue
1 object(s) selected

When the NetWare has been set up for the NDS or NDPS mode, browse the NDS tree and context, and double-click the queue for the equipment.


dept1.org
File Edit View Favorites Tools Help
Back Search Folders
Address dept1.org
Go
dept1.org
\\Org\mfp_queue.dept1.org
mfp_queue.dept1.org
1 object(s) selected

The Printers dialog box appears.

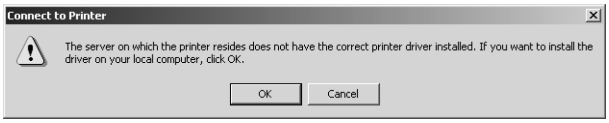
2 Click [Yes].


Printers
Yes
No

Before you can use the printer '\\Org\mfp_queue.dept1.org,' it must be set up on your computer. Do you want Windows to set up the printer and continue this operation?

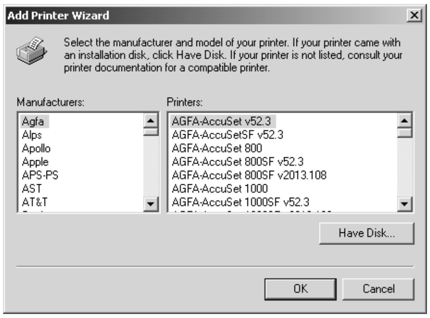
- When using the NetWare in NDPS mode and the printer drivers for each Operating System are installed to a NDPS broker, the printer driver is automatically installed.
- Unless using the NetWare in NDPS mode and printer drivers for each Operating System are installed to a NDPS broker, the Add Printer Wizard dialog box appears. Continue to the next step.

3 Click [OK].


Connect to Printer
OK
Cancel

The server on which the printer resides does not have the correct printer driver installed. If you want to install the driver on your local computer, click OK.

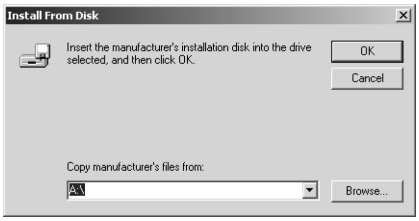
4 Click [Have Disk...].


Add Printer Wizard
Manufacturers:
Agfa
Alps
Apollo
Apple
APS-PS
AST
AT&T
Printers:
AGFA-AccuSet v52.3
AGFA-AccuSetSF v52.3
AGFA-AccuSet 800
AGFA-AccuSet 800SF v52.3
AGFA-AccuSet 800SF v2013.108
AGFA-AccuSet 1000
AGFA-AccuSet 1000SF v52.3
Have Disk...
OK
Cancel

Select the manufacturer and model of your printer. If your printer came with an installation disk, click Have Disk. If your printer is not listed, consult your printer documentation for a compatible printer.

The Install From Disk dialog box appears.

5 Click [Browse...].


Install From Disk
OK
Cancel
Browse...

Insert the manufacturer's installation disk into the drive selected, and then click OK.

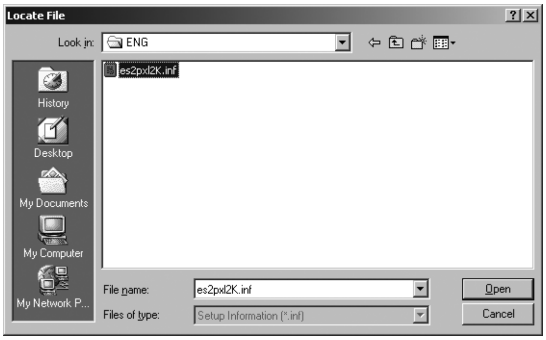
Copy manufacturer's files from: A:\

The Locate File dialog box appears.

6 Insert the Client Utilities CD-ROM into the CD-ROM drive.

When inserting the Client Utilities CD-ROM, the installer may automatically start. Click [Cancel] to exit the installer and continue the operation.

7 Locate the directory where the printer driver for Windows 2000/XP/Server 2003 is located and click [Open].


Locate File
History
Desktop
My Documents
My Computer
My Network P...
Open
Cancel

Look in: ENG

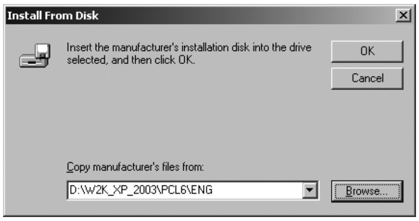
es2pxl2K.inf

File name: es2pxl2K.inf

Files of type: Setup Information (*.inf)

- To install the PCL6 printer driver, locate "[CD-ROM drive]:\W2K_XP_2003\PCL6\<language>".
- To install the PS3 printer driver, locate "[CD-ROM drive]:\W2K_XP_2003\PS\<language>".

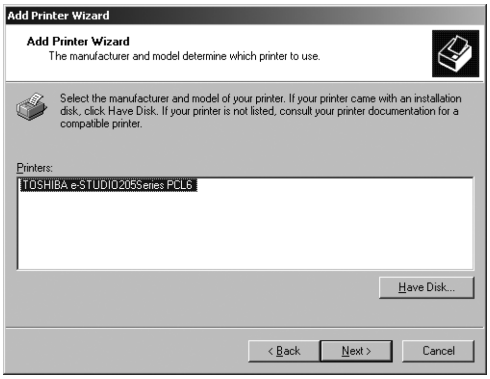
8 Click [OK].


Install From Disk
OK
Cancel
Browse...

Insert the manufacturer's installation disk into the drive selected, and then click OK.

Copy manufacturer's files from: D:\W2K_XP_2003\PCL6\ENG

9 Select the printer driver and click [OK].


Add Printer Wizard
Add Printer Wizard
Have Disk...
< Back
Next >
Cancel

The manufacturer and model determine which printer to use.

Select the manufacturer and model of your printer. If your printer came with an installation disk, click Have Disk. If your printer is not listed, consult your printer documentation for a compatible printer.

Printers: TOSHIBA e-STUDIO205Series PCL6

10 The installation is completed.

Note

Before using the printer driver for printing, please configure the installed options of the equipment and department code (if required) on the printer driver.

📖 P.154 “Before using the printer driver”

Installation for Novell printing by Add Printer Wizard

The procedure to install the printer driver for Novell printing by Add Printer Wizard differs depending on the version of the Windows being used.
📖 P.87 “Windows 98/Me”
📖 P.94 “Windows NT 4.0”
📖 P.99 “Windows 2000/XP/Server 2003”

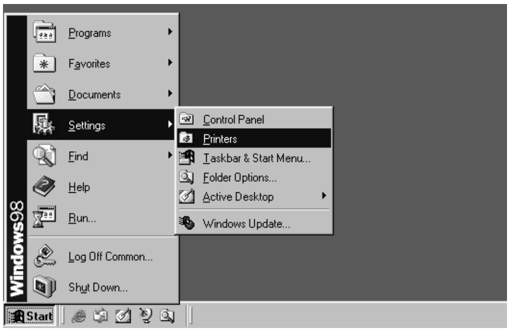
— Windows 98/Me

The following describes an installation on Windows 98. The procedure is the same when Windows Me is used.
The installation procedure consists of the following two parts:

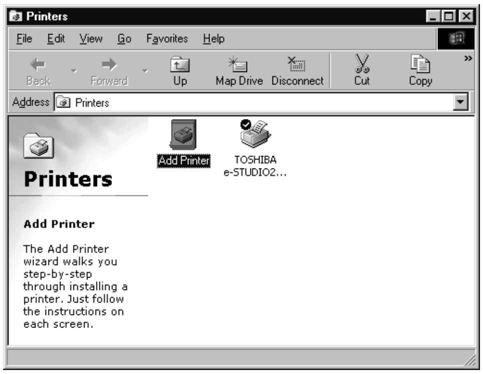
- Installing the printer driver for Novell printing by Add Printer Wizard
  📖 P.87 “Installing the printer driver for Novell printing by Add Printer Wizard”
- Configuring the port for Novell printing
  📖 P.91 “Configuring the port for Novell printing”

Installing the printer driver for Novell printing by Add Printer Wizard

1 **Click [Start], select [Settings], and click [Printers] to open the Printers folder.**


Programs
Favorites
Documents
Settings
Find
Help
Run...
Log Off Common...
Shut Down...
Control Panel
Printers
Taskbar & Start Menu...
Folder Options...
Active Desktop
Windows Update...
Windows98
Start

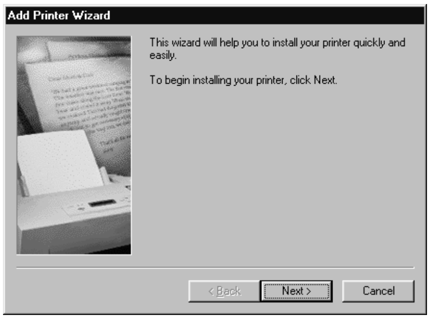
2 **Double-click the [Add Printer] icon.**


Printers
File Edit View Go Favorites Help
Back
Forward
Up
Map Drive
Disconnect
Cut
Copy
Address
Printers
Add Printer
TOSHIBA
e-STUDIO2...
Printers
Add Printer

The Add Printer wizard walks you step-by-step through installing a printer. Just follow the instructions on each screen.

The Add Printer Wizard dialog box appears.

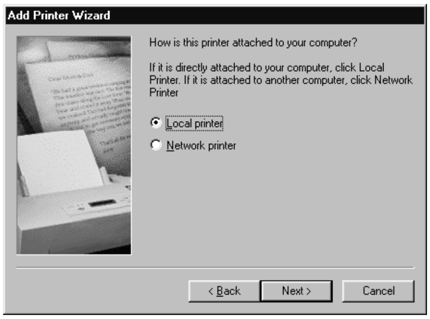
3 Click [Next].


Add Printer Wizard
< Back
Next >
Cancel

This wizard will help you to install your printer quickly and easily.

To begin installing your printer, click Next.

4 Select “Local printer” and click [Next].


Add Printer Wizard
< Back
Next >
Cancel

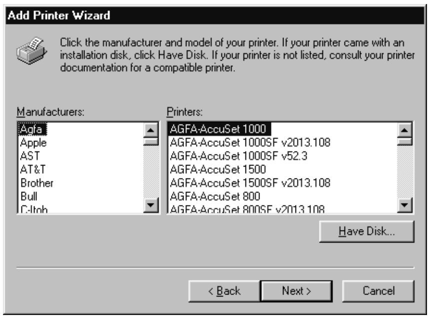
How is this printer attached to your computer?

If it is directly attached to your computer, click Local Printer. If it is attached to another computer, click Network Printer

● Local printer

○ Network printer

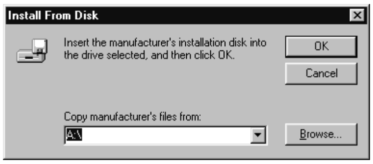
5 Click [Have Disk...].


Add Printer Wizard
Manufacturers:
Agfa
Apple
AST
AT&T
Brother
Bull
C-Itoh
Printers:
AGFA-AccuSet 1000
AGFA-AccuSet 1000SF v2013.108
AGFA-AccuSet 1000SF v52.3
AGFA-AccuSet 1500
AGFA-AccuSet 1500SF v2013.108
AGFA-AccuSet 800
AGFA-AccuSet 800SF v2013.108
Have Disk...
< Back
Next >
Cancel

Click the manufacturer and model of your printer. If your printer came with an installation disk, click Have Disk. If your printer is not listed, consult your printer documentation for a compatible printer.

The Install From Disk dialog box appears.

6 Click [Browse...].


Install From Disk
OK
Cancel
Browse...

Insert the manufacturer's installation disk into the drive selected, and then click OK.

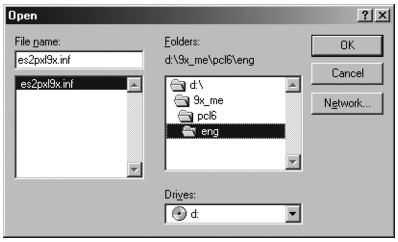
Copy manufacturer's files from: A:\

The Open dialog box appears.

7 Insert the Client Utilities CD-ROM into the CD-ROM drive.

When inserting the Client Utilities CD-ROM, the installer may automatically start. Click [Cancel] to exit the installer and continue the operation.

8 **Locate the directory where the printer driver for Windows 98/Me is located and click [OK].**


Open
File name:
Folders:
OK
Cancel
Network...
Drives:

File name: es2pxl9x.inf

es2pxl9x.inf

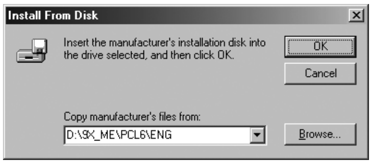
Folders: d:\9x_me\pcl6\eng

d:\
9x_me
pcl6
eng

Drives: d:

- To install the PCL6 printer driver, locate "[CD-ROM drive]:\9X_ME\PCL6\<language>".
- To install the PS3 printer driver, locate "[CD-ROM drive]:\9X_ME\PS\<language>".

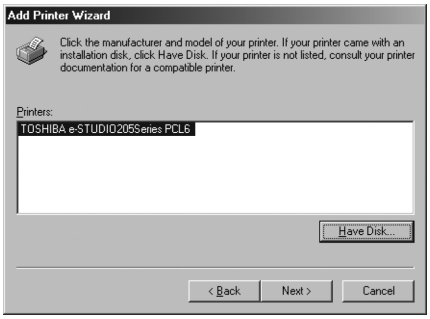
9 **Click [OK].**


Install From Disk
OK
Cancel
Browse...

Insert the manufacturer's installation disk into the drive selected, and then click OK.

Copy manufacturer's files from: D:\9X_ME\PCL6\ENG

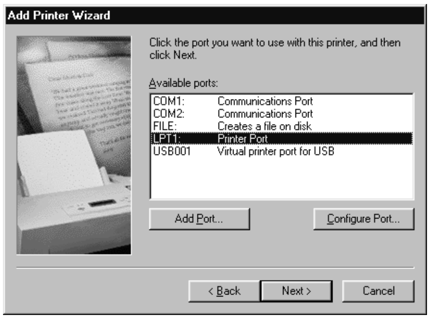
10 **Select the printer driver and click [Next].**


Add Printer Wizard
Printers:
Have Disk...
< Back
Next >
Cancel

Click the manufacturer and model of your printer. If your printer came with an installation disk, click Have Disk. If your printer is not listed, consult your printer documentation for a compatible printer.

Printers: TOSHIBA e-STUDIO205Series PCL6

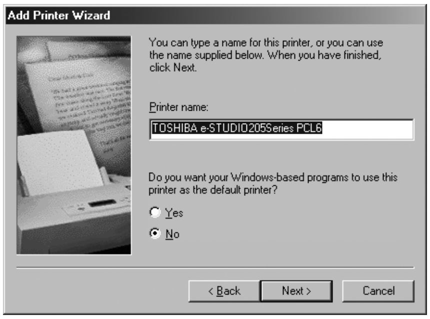
11 **Select “LPT1:” and click [Next].**


Add Printer Wizard
Available ports:
Add Port...
Configure Port...
< Back
Next >
Cancel

Click the port you want to use with this printer, and then click Next.

Available ports:	
COM1:	Communications Port
COM2:	Communications Port
FILE:	Creates a file on disk
LPT1:	Printer Port
USB001	Virtual printer port for USB

12 Change the name if desired and click [Next].



You can type a name for this printer, or you can use the name supplied below. When you have finished, click Next.

Printer name: TOSHIBA e-STUDIO205Series PCL6

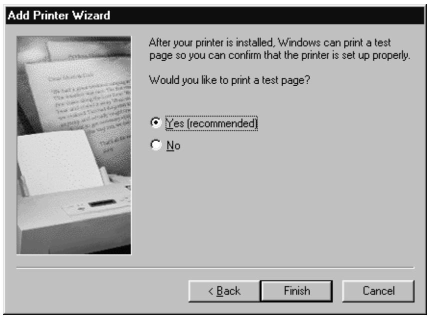
Do you want your Windows-based programs to use this printer as the default printer?

○ Yes
● No

Note

If any printer drivers have installed on the computer, select whether using this printer as a default printer.

13 Select "Yes (recommended)" to print a test page and click [Finish].



After your printer is installed, Windows can print a test page so you can confirm that the printer is set up properly.

Would you like to print a test page?

● Yes (recommended)
○ No

Start copying files.

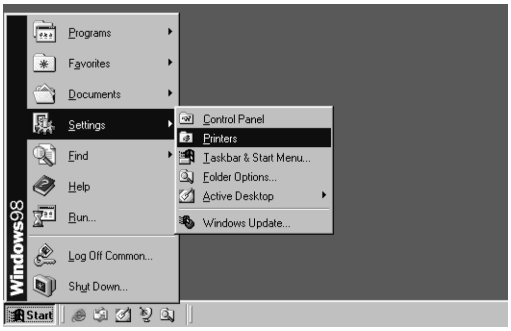
14 The installation is completed. Proceed to the following port configuration procedure.

📖 P.91 “Configuring the port for Novell printing”

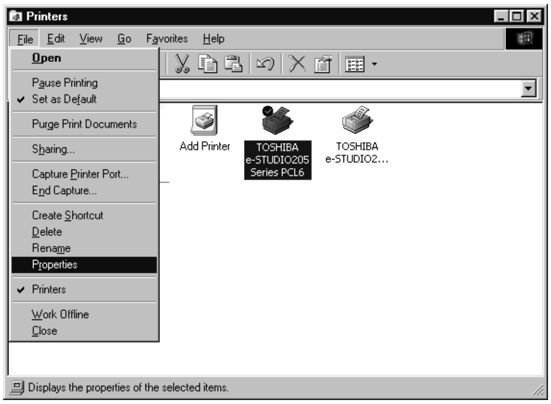
Configuring the port for Novell printing

In succession to the above printer driver installation procedure, configure the port for Novell printing as follows:

1 **Click [Start], select [Settings], and click [Printers] to open the Printers folder.**


Programs
Favorites
Documents
Settings
Find
Help
Run...
Log Off Common...
Shut Down...
Windows98
Start
Control Panel
Printers
Taskbar & Start Menu...
Folder Options...
Active Desktop
Windows Update...

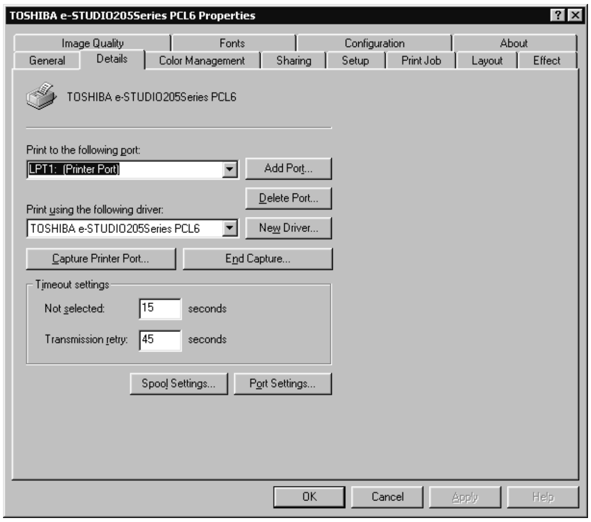
2 **Select the printer driver and select [Properties] in the [File] menu.**


Printers
File
Edit
View
Go
Favorites
Help
Open
Pause Printing
Set as Default
Purge Print Documents
Sharing...
Capture Printer Port...
End Capture...
Create Shortcut
Delete
Rename
Properties
Printers
Work Offline
Close
Add Printer
TOSHIBA e-STUDIO205 Series PCL6
TOSHIBA e-STUDIO2...

Displays the properties of the selected items.

The printer driver properties dialog box appears.

3 Display the [Details] tab and click [Add Port].



TOSHIBA e-STUDIO205Series PCL6 Properties

TOSHIBA e-STUDIO205Series PCL6

Print to the following port: LPT1: (Printer Port)

Print using the following driver: TOSHIBA e-STUDIO205Series PCL6

Timeout settings

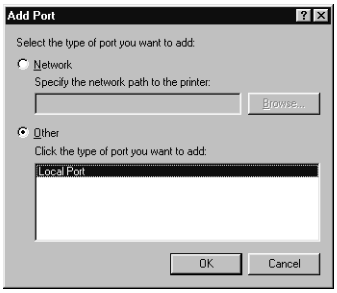
Not selected: 15 seconds

Transmission retry: 45 seconds

Image Quality
Fonts
Configuration
About
General
Details
Color Management
Sharing
Setup
Print Job
Layout
Effect
Add Port...
Delete Port...
New Driver...
Capture Printer Port...
End Capture...
Spool Settings...
Port Settings...
OK
Cancel
Apply
Help

The Add Port dialog box appears.

4 Select “Other” and “Local Port”, and click [OK].



Add Port

Select the type of port you want to add:

○ Network

Specify the network path to the printer:

● Other

Click the type of port you want to add:

Local Port

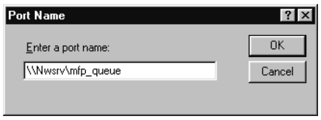
Browse...
OK
Cancel

The Port Name dialog box appears.

5 Enter “\\<NetWare file server name>\<queue name>” in the “Enter a port name” field, and click [OK].

Example: NetWare file server name=Nwsrv, queue name=mfp_queue

`\\Nwsrv\mfp_queue`



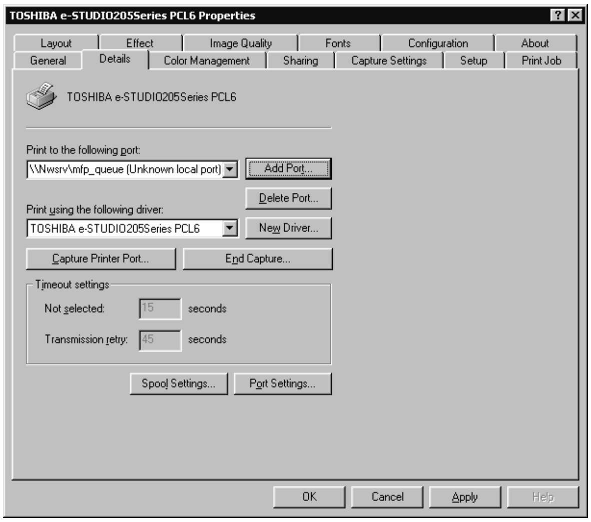
Port Name

Enter a port name: \\Nwsrv\mfp_queue

Tip

The queue for this equipment should be set up by an administrator. If you do not know the queue for this equipment, ask your administrator.

6 Click [OK] to save settings.



TOSHIBA e-STUDIO205Series PCL6 Properties
Layout
Effect
Image Quality
Fonts
Configuration
About
General
Details
Color Management
Sharing
Capture Settings
Setup
Print Job
TOSHIBA e-STUDIO205Series PCL6
Add Port...
Delete Port...
New Driver...
Capture Printer Port...
End Capture...
Timeout settings
Spool Settings...
Port Settings...
OK
Cancel
Apply
Help

Print to the following port: \\Nwsrv\mfp_queue (Unknown local port)

Print using the following driver: TOSHIBA e-STUDIO205Series PCL6

Not selected: 15 seconds

Transmission retry: 45 seconds

7 The port configuration is completed.

Note

Before using the printer driver for printing, please configure the installed options of the equipment and department code (if required) on the printer driver.
📖 P.154 “Before using the printer driver”

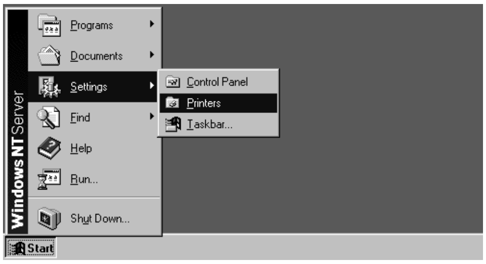
— Windows NT 4.0

Installing the printer driver for SMB printing by Add Printer Wizard

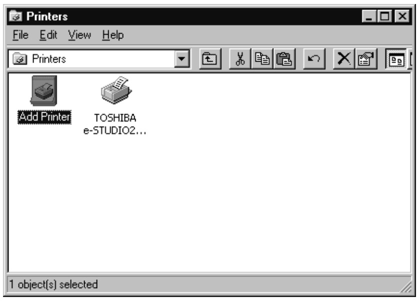
Note

You must log into Windows NT 4.0 as a user who has the “Administrators” or “Power Users” privilege.

1 **Click [Start], select [Settings], and click [Printers] to open the Printers folder.**

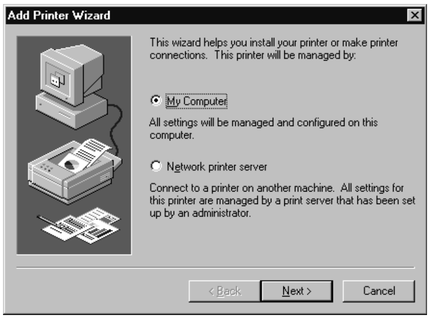

Windows NT Server
Programs
Documents
Settings
Find
Help
Run...
Shut Down...
Start
Control Panel
Printers
Taskbar...

2 **Double-click the [Add Printer] icon.**


Printers
File Edit View Help
Printers
Add Printer
TOSHIBA e-STUDIO2...
1 object(s) selected

The Add Printer Wizard dialog box appears.

3 **Select “My Computer” and click [Next].**


Add Printer Wizard

This wizard helps you install your printer or make printer connections. This printer will be managed by:

● My Computer

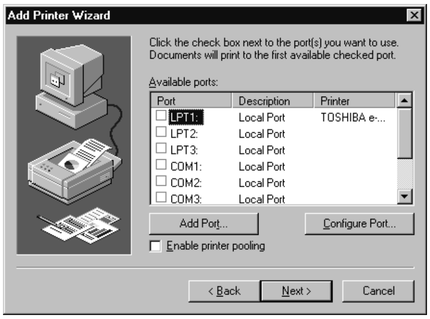
All settings will be managed and configured on this computer.

○ Network printer server

Connect to a printer on another machine. All settings for this printer are managed by a print server that has been set up by an administrator.

< Back
Next >
Cancel

4 Click [Add Port...].

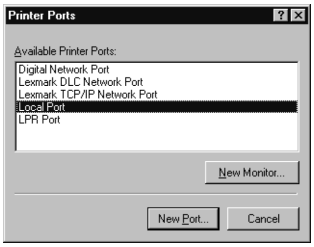

Add Printer Wizard
Available ports:
Add Port...
Configure Port...
☐ Enable printer pooling
< Back
Next >
Cancel

Click the check box next to the port(s) you want to use. Documents will print to the first available checked port.

Port	Description	Printer
☐ LPT1:	Local Port	TOSHIBA e-...
☐ LPT2:	Local Port	
☐ LPT3:	Local Port	
☐ COM1:	Local Port	
☐ COM2:	Local Port	
☐ COM3:	Local Port	

The Printer Ports dialog box appears.

5 Select “Local Port” and click [New Port...].

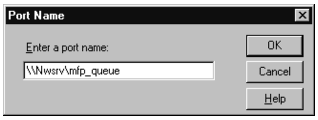

Printer Ports
Available Printer Ports:
Digital Network Port
Lexmark DLC Network Port
Lexmark TCP/IP Network Port
Local Port
LPR Port
New Monitor...
New Port...
Cancel

The Port Name dialog box appears.

6 Enter “\\<NetWare file server name>\<queue name>” in the “Enter a port name” field, and click [OK].

Example: NetWare file server name=Nwsrv, queue name=mfp_queue

`\\Nwsrv\mfp_queue`

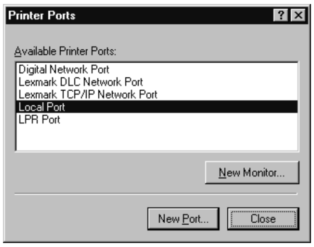

Port Name
OK
Cancel
Help

Enter a port name: \\Nwsrv\mfp_queue

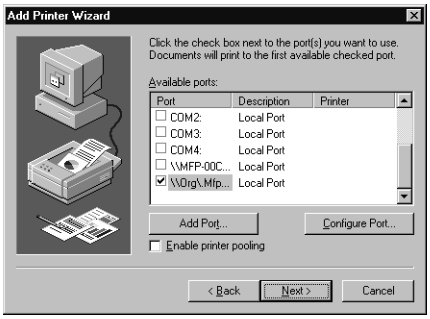
Tip

The queue for this equipment should be set up by an administrator. If you do not know the queue for this equipment, ask your administrator.

7 Click [Close].


Printer Ports
Available Printer Ports:
Digital Network Port
Lexmark DLC Network Port
Lexmark TCP/IP Network Port
Local Port
LPR Port
New Monitor...
New Port...
Close

8 Make sure the created port is selected and click [Next].



Add Printer Wizard

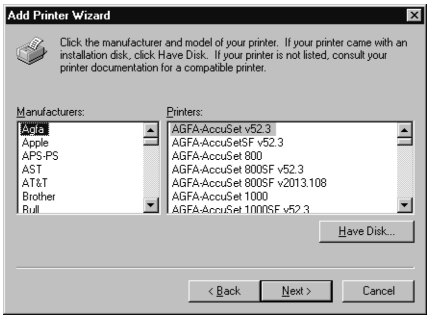
Click the check box next to the port(s) you want to use. Documents will print to the first available checked port.

Available ports:

Port	Description	Printer
☐ COM2:	Local Port	
☐ COM3:	Local Port	
☐ COM4:	Local Port	
☐ \\MFP-00C...	Local Port	
☑ \\Org\Mfp...	Local Port	

☐ Enable printer pooling

9 Click [Have Disk...].



Add Printer Wizard

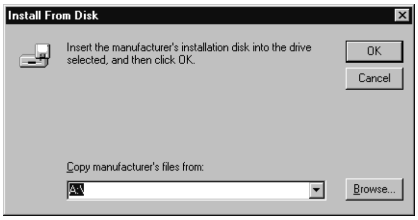
Click the manufacturer and model of your printer. If your printer came with an installation disk, click Have Disk. If your printer is not listed, consult your printer documentation for a compatible printer.

Manufacturers:
- Agfa
- Apple
- APS-PS
- AST
- AT&T
- Brother
- Bull

Printers:
- AGFA-AccuSet v52.3
- AGFA-AccuSetSF v52.3
- AGFA-AccuSet 800
- AGFA-AccuSet 800SF v52.3
- AGFA-AccuSet 800SF v2013.108
- AGFA-AccuSet 1000
- AGFA-AccuSet 1000SF v52.3

The Install From Disk dialog box appears.

10 Click [Browse...].



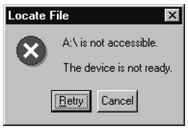
Install From Disk

Insert the manufacturer's installation disk into the drive selected, and then click OK.

Copy manufacturer's files from: A:\

The “A:\ is not accessible” message appears.

11 Click [Cancel].



Locate File

A:\ is not accessible.

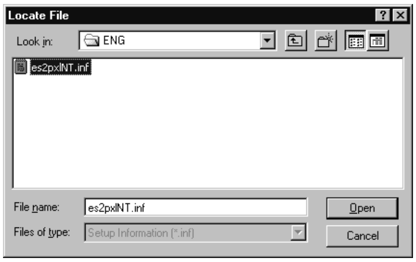
The device is not ready.

The Locate File dialog box appears.

12 Insert the Client Utilities CD-ROM into the CD-ROM drive.

When inserting the Client Utilities CD-ROM, the installer may automatically start. Click [Cancel] to exit the installer and continue the operation.

13 Locate the directory where the printer driver for Windows NT 4.0 is located and click [Open].


Locate File
Open
Cancel

Look in: ENG

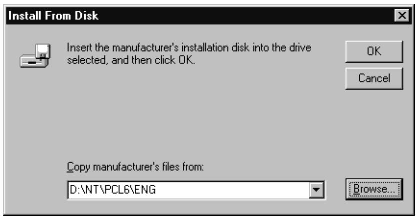
es2pxlNT.inf

File name: es2pxlNT.inf

Files of type: Setup Information (*.inf)

- To install the PCL6 printer driver, locate "[CD-ROM drive]:\NT\PCL6\<language>".
- To install the PS3 printer driver, locate "[CD-ROM drive]:\NT\PS\<language>".

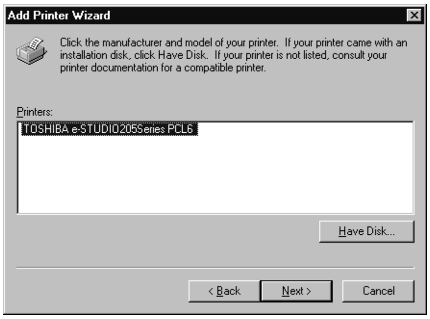
14 Click [OK].


Install From Disk
OK
Cancel
Browse...

Insert the manufacturer's installation disk into the drive selected, and then click OK.

Copy manufacturer's files from: D:\NT\PCL6\ENG

15 Select the printer driver and click [Next].

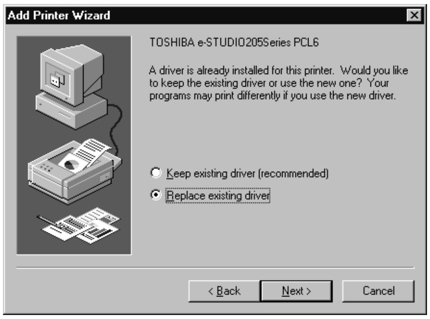

Add Printer Wizard
Have Disk...
< Back
Next >
Cancel

Click the manufacturer and model of your printer. If your printer came with an installation disk, click Have Disk. If your printer is not listed, consult your printer documentation for a compatible printer.

Printers: TOSHIBA e-STUDIO205Series PCL6

Note

If the same printer driver has been installed, the following dialog box appears. If it appears, select “Replace existing driver” and click [Next].

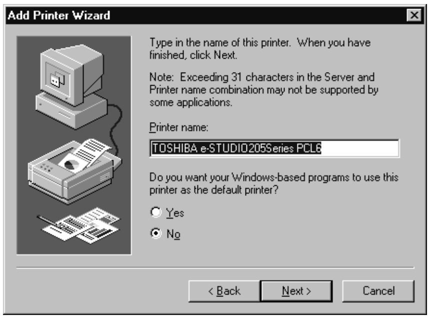

Add Printer Wizard
< Back
Next >
Cancel

TOSHIBA e-STUDIO205Series PCL6

A driver is already installed for this printer. Would you like to keep the existing driver or use the new one? Your programs may print differently if you use the new driver.

○ Keep existing driver (recommended)
● Replace existing driver

16 Change the name if desired and click [Next].



Type in the name of this printer. When you have finished, click Next.

Note: Exceeding 31 characters in the Server and Printer name combination may not be supported by some applications.

Printer name: TOSHIBA e-STUDIO205Series PCL6

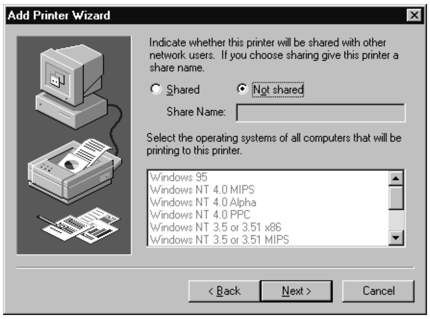
Do you want your Windows-based programs to use this printer as the default printer?

○ Yes
● No

Tip

If any printer drivers have installed on the computer, select whether using this printer as a default printer.

17 Select whether this printer is shared or not, and click [Next].



Indicate whether this printer will be shared with other network users. If you choose sharing give this printer a share name.

○ Shared ● Not shared

Share Name:

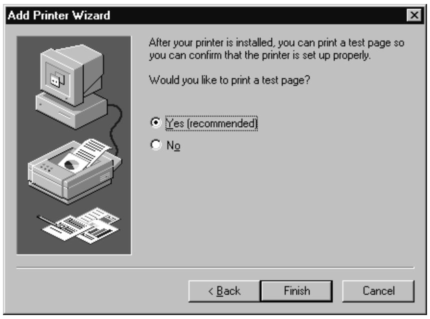
Select the operating systems of all computers that will be printing to this printer.

Windows 95
Windows NT 4.0 MIPS
Windows NT 4.0 Alpha
Windows NT 4.0 PPC
Windows NT 3.5 or 3.51 x86
Windows NT 3.5 or 3.51 MIPS

Tip

When you select “Shared”, you can also select the operating systems of printer drivers that you want to install for clients. If you select any operating systems, repeat the procedure from Step 9 to 15 to install the printer drivers for selected operating systems.

18 Select "Yes (recommended)" to print a test page and click [Finish].



After your printer is installed, you can print a test page so you can confirm that the printer is set up properly.

Would you like to print a test page?

● Yes (recommended)
○ No

19 The installation is completed.

Note

Before using the printer driver for printing, please configure the installed options of the equipment and department code (if required) on the printer driver.
📖 P.154 “Before using the printer driver”

— Windows 2000/XP/Server 2003

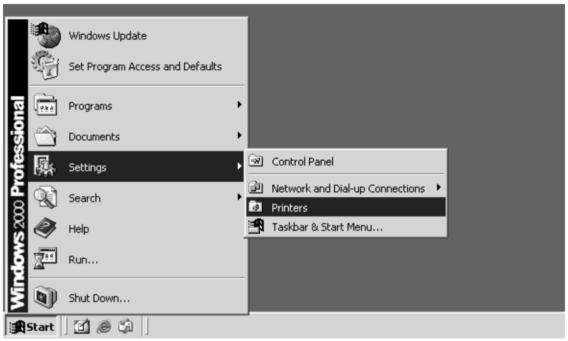
Installing the printer driver for Novell printing by Add Printer Wizard

The following describes an installation on Windows 2000. The procedure is the same when Windows XP or Windows Server 2003 is used.

Note

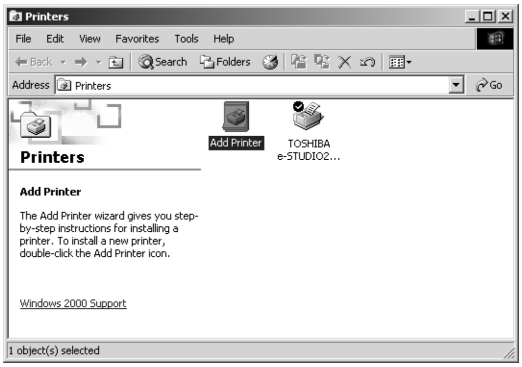
You must log into Windows as a user who has the “Administrators” or “Power Users” privilege when using Windows 2000, Windows XP or Windows Server 2003.

1 Click [Start] and select [Printers] in [Settings] (Windows 2000) or select [Printers and Faxes] (Windows XP/Server 2003).


Windows 2000 Professional
Windows Update
Set Program Access and Defaults
Programs
Documents
Settings
Search
Help
Run...
Shut Down...
Control Panel
Network and Dial-up Connections
Printers
Taskbar & Start Menu...
Start

The Printers folder is opened.

2 Double-click the [Add Printer] icon.

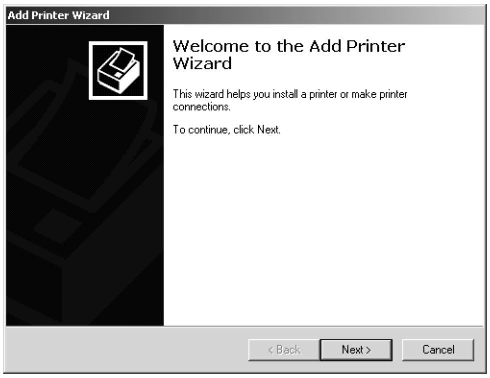

Printers
File
Edit
View
Favorites
Tools
Help
Back
Search
Folders
Address
Printers
Go
Add Printer
TOSHIBA e-STUDIO2...
Printers
Windows 2000 Support
1 object(s) selected

Add Printer

The Add Printer wizard gives you step-by-step instructions for installing a printer. To install a new printer, double-click the Add Printer icon.

- When using the Windows XP/Server 2003, click [Add a printer] in the Printer Tasks menu.
- The Add Printer Wizard dialog box appears.

3 Click [Next].

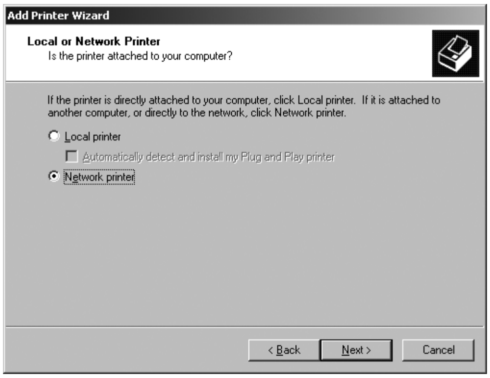

Add Printer Wizard
< Back
Next >
Cancel

Welcome to the Add Printer Wizard

This wizard helps you install a printer or make printer connections.

To continue, click Next.

4 Select “Network printer” and click [Next].


Add Printer Wizard
< Back
Next >
Cancel

Local or Network Printer

Is the printer attached to your computer?

If the printer is directly attached to your computer, click Local printer. If it is attached to another computer, or directly to the network, click Network printer.

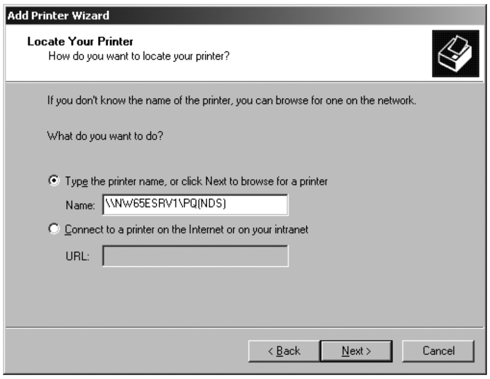
○ Local printer

☐ Automatically detect and install my Plug and Play printer

● Network printer

5 Select “Type the printer name, or click Next to browse for a printer” and enter “\\<NetWare file server name>\<queue name>” in the “Name” field. Then click [Next].

Example: NetWare file server name= NW65ESRV1, queue name= PQ(NDS)
\\ NW65ESRV1\ PQ(NDS)


Add Printer Wizard
< Back
Next >
Cancel

Locate Your Printer

How do you want to locate your printer?

If you don't know the name of the printer, you can browse for one on the network.

What do you want to do?

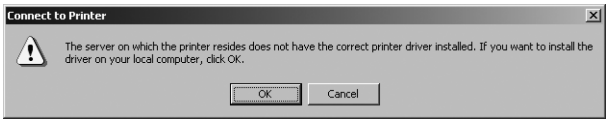
● Type the printer name, or click Next to browse for a printer

Name: \\NW65ESRV1\PQ(NDS)

○ Connect to a printer on the Internet or on your intranet

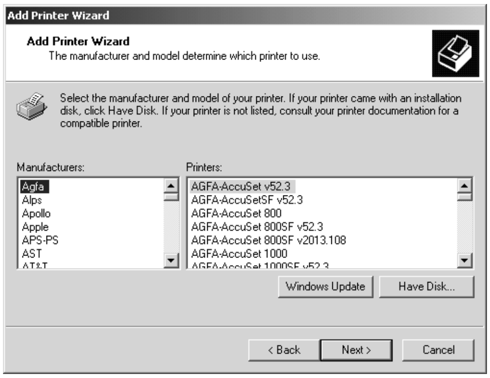
URL:

6 Click [OK].


Connect to Printer
OK
Cancel

The server on which the printer resides does not have the correct printer driver installed. If you want to install the driver on your local computer, click OK.

7 Click [Have Disk...].

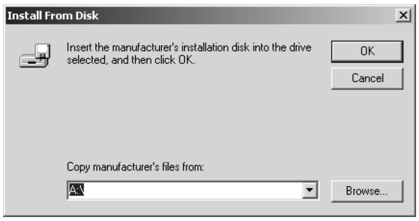

Add Printer Wizard
Add Printer Wizard
Manufacturers:
Agfa
Alps
Apollo
Apple
APS-PS
AST
AT&T
Printers:
AGFA-AccuSet v52.3
AGFA-AccuSetSF v52.3
AGFA-AccuSet 800
AGFA-AccuSet 800SF v52.3
AGFA-AccuSet 800SF v2013.108
AGFA-AccuSet 1000
AGFA-AccuSet 1000SF v52.3
Windows Update
Have Disk...
< Back
Next >
Cancel

The manufacturer and model determine which printer to use.

Select the manufacturer and model of your printer. If your printer came with an installation disk, click Have Disk. If your printer is not listed, consult your printer documentation for a compatible printer.

The Install From Disk dialog box appears.

8 Click [Browse...].


Install From Disk
OK
Cancel
Browse...

Insert the manufacturer's installation disk into the drive selected, and then click OK.

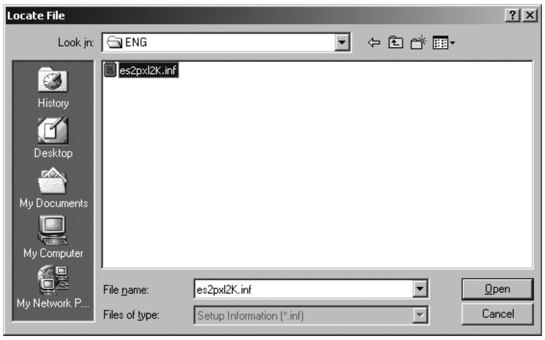
Copy manufacturer's files from: A:\

The Locate File dialog box appears.

9 Insert the Client Utilities CD-ROM into the CD-ROM drive.

When inserting the Client Utilities CD-ROM, the installer may automatically start. Click [Cancel] to exit the installer and continue the operation.

10 Locate the directory where the printer driver for Windows 2000/XP/ Server 2003 is located and click [Open].


Locate File
History
Desktop
My Documents
My Computer
My Network P...
es2pxl2K.inf
Open
Cancel

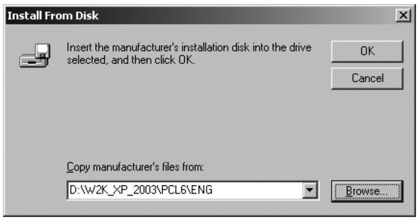
Look in: ENG

File name: es2pxl2K.inf

Files of type: Setup Information (*.inf)

- To install the PCL6 printer driver, locate "[CD-ROM drive]:\W2K_XP_2003\PCL6\<language>".
- To install the PS3 printer driver, locate "[CD-ROM drive]:\W2K_XP_2003\PS\<language>".

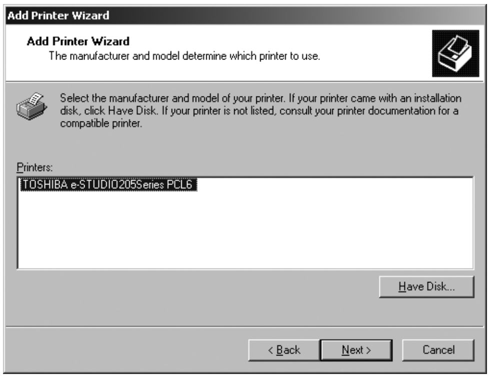
11 Click [OK].



Insert the manufacturer's installation disk into the drive selected, and then click OK.

Copy manufacturer's files from: D:\W2K_XP_2003\PCL6\ENG

12 Select the printer driver and click [Next].



Add Printer Wizard
The manufacturer and model determine which printer to use.

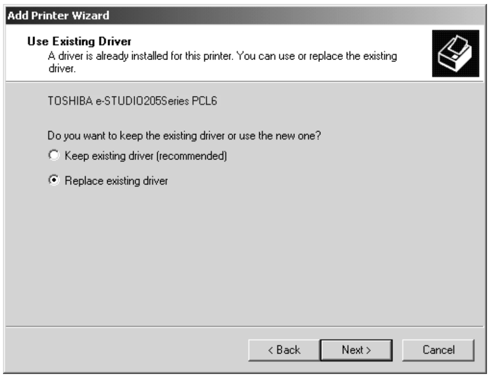
Select the manufacturer and model of your printer. If your printer came with an installation disk, click Have Disk. If your printer is not listed, consult your printer documentation for a compatible printer.

Printers: TOSHIBA e-STUDIO205Series PCL6

- If any other printer driver(s) had already been installed on your computer, the Default Printer screen will be displayed. Continue to next step.
- If no printer driver had been installed on your computer, the complete screen is displayed. Skip to step 14.

Note

If the same printer driver has been installed, the following dialog box appears. If it appears, select “Replace existing driver” and click [Next].



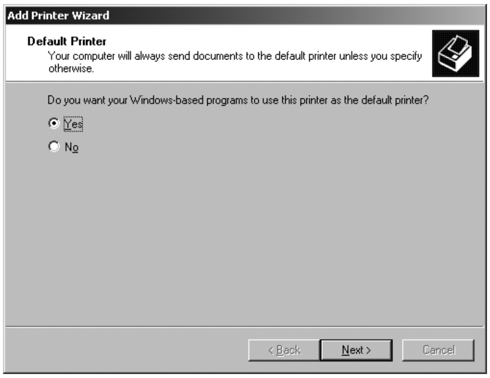
Use Existing Driver
A driver is already installed for this printer. You can use or replace the existing driver.

TOSHIBA e-STUDIO205Series PCL6

Do you want to keep the existing driver or use the new one?

○ Keep existing driver (recommended)
● Replace existing driver

13 Select whether using this printer as a default printer and click [Next].


Add Printer Wizard

Default Printer

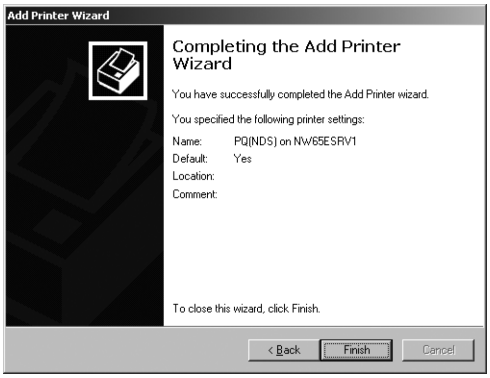
Your computer will always send documents to the default printer unless you specify otherwise.

Do you want your Windows-based programs to use this printer as the default printer?

● Yes

○ No

14 Click [Finish].


Add Printer Wizard

Completing the Add Printer Wizard

You have successfully completed the Add Printer wizard.

You specified the following printer settings:

Name: PQ(NDS) on NW65ESRV1
Default: Yes
Location:
Comment:

To close this wizard, click Finish.

Start copying files.

15 The installation is completed.

Note

Before using the printer driver for printing, please configure the installed options of the equipment and department code (if required) on the printer driver.
📖 P.154 “Before using the printer driver”

Installing client software for Novell iPrint

This section describes how to install the printer drivers for Novell iPrint.

Notes

- To set up the iPrint in the client computers, the NetWare server must be configured for iPrint first. For more information about setting up the NetWare server for Novell iPrint, please see ***Network Administration Guide***.
- Before installing the printer driver for Novell iPrint, please make sure the following environments are satisfied in your computer.
  - Microsoft Internet Explorer 5.0 or later or Netscape 4.76 is installed (iPrint is not supported on Netscape 6)
  - JavaScript must be enabled on the web browser.

Installing the printer driver for Novell iPrint

To install the printer driver for Novell iPrint on the client computer, download and install the iPrint Client and printer driver from the NetWare server.

1 **Start the your web browser and enter the following URL in the address bar.**

```
http://<IP address or DNS for NDPS Manager>/ipp
```

Note

If you do not know the IP address or DNS for NDPS Manager, please ask your network administrator.

2 **If the iPrint Client is not installed on your computer, you are prompted to install it.**

3 **Click the printer that you want to install from the list of available printers that is displayed in the iPrint web page.**

The selected printer driver is installed on your computer.

Uninstalling client utilities software

The following instructions describe how to uninstall the client software. The uninstallation procedure is different how you installed the client software.
📖 P.105 “When installed using the installer”
📖 P.109 “When installed using Add Printer Wizard”

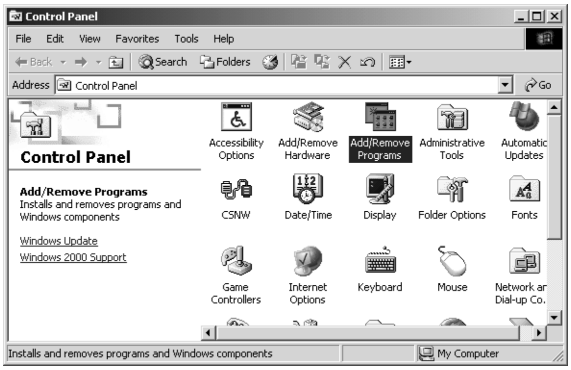
When installed using the installer

When the client software was installed using the Installer in the Client Utilities CD-ROM, you can delete all files using the Add/Remove Programs function.
You can uninstall all client software that have installed from the Client Utilities CD-ROM, or you can uninstall only the components that you want to remove.
📖 P.105 “Uninstalling all client utilities software”
📖 P.107 “Uninstalling only the components that you want to remove”

Uninstalling all client utilities software

The following describes an installation on Windows 2000. The procedure is the same when other versions of Windows are used.

1 **Open “Control Panel” and double-click the “Add/Remove Programs” icon.**

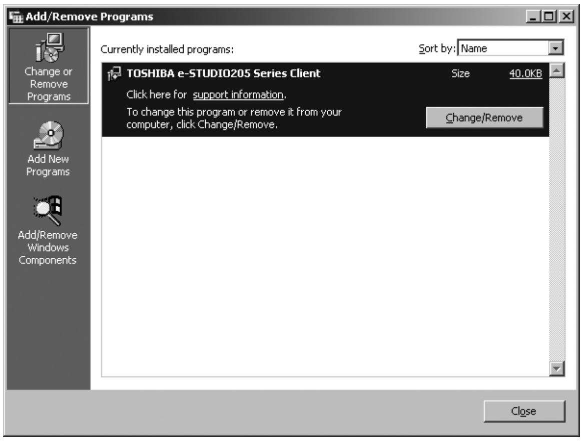

Control Panel
File
Edit
View
Favorites
Tools
Help
Back
Search
Folders
Address
Control Panel
Go
Control Panel
Windows Update
Windows 2000 Support
Accessibility Options
Add/Remove Hardware
Add/Remove Programs
Administrative Tools
Automatic Updates
CSNW
Date/Time
Display
Folder Options
Fonts
Game Controllers
Internet Options
Keyboard
Mouse
Network ar Dial-up Co.
My Computer

Add/Remove Programs
Installs and removes programs and Windows components

Installs and removes programs and Windows components

The Add/Remove Programs dialog box appears.

2 Select “TOSHIBA e-STUDIO205 Series Client” and click [Change/Remove].


Add/Remove Programs
Change or Remove Programs
Add New Programs
Add/Remove Windows Components
Change/Remove
Close

Currently installed programs:

Sort by: Name

TOSHIBA e-STUDIO205 Series Client

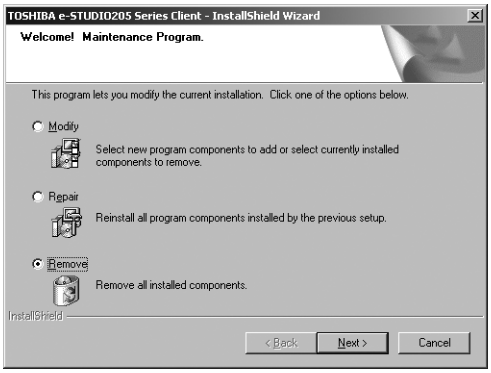
Size 40.0KB

Click here for support information.

To change this program or remove it from your computer, click Change/Remove.

The InstallShield Wizard dialog box appears.

3 Select “Remove” and click [Next].


TOSHIBA e-STUDIO205 Series Client - InstallShield Wizard
InstallShield
< Back
Next >
Cancel

Welcome! Maintenance Program.

This program lets you modify the current installation. Click one of the options below.

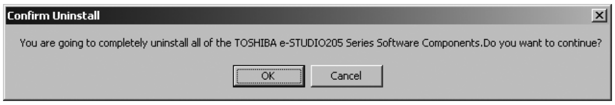
○ Modify
Select new program components to add or select currently installed components to remove.

○ Repair
Reinstall all program components installed by the previous setup.

● Remove
Remove all installed components.

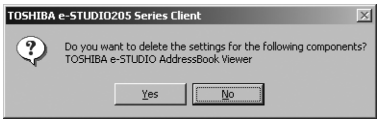
The Confirm Uninstall dialog box appears.

4 Click [OK].


Confirm Uninstall
OK
Cancel

You are going to completely uninstall all of the TOSHIBA e-STUDIO205 Series Software Components.Do you want to continue?

5 Click [Yes] to delete the setting files, if the following dialog box appears.


TOSHIBA e-STUDIO205 Series Client
Yes
No

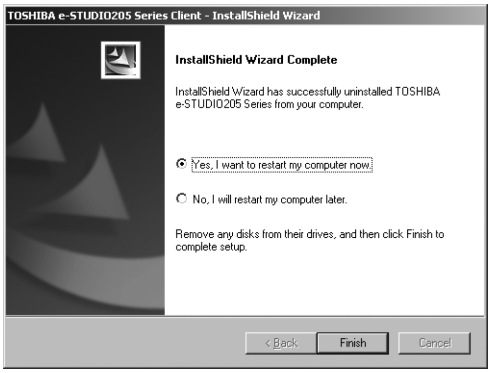
Do you want to delete the settings for the following components?
TOSHIBA e-STUDIO AddressBook Viewer

Deleting files starts.

Note

If you want to re-install the client software later, click [No] to keep the setting files. You can restore the data and settings when you re-install the client software.

6 Select “Yes, I want to restart my computer now.” and click [Finish] to restart your computer.



TOSHIBA e-STUDIO205 Series Client - InstallShield Wizard

InstallShield Wizard Complete

InstallShield Wizard has successfully uninstalled TOSHIBA e-STUDIO205 Series from your computer.

● Yes, I want to restart my computer now.

○ No, I will restart my computer later.

Remove any disks from their drives, and then click Finish to complete setup.

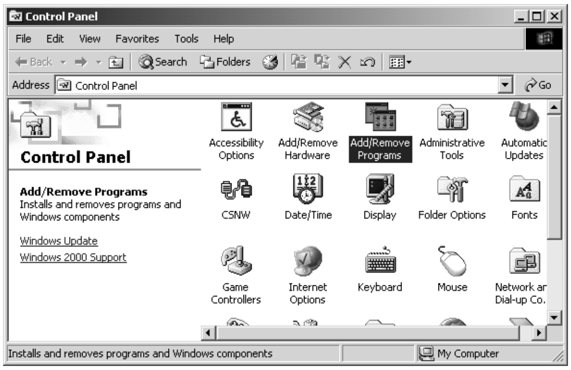
< Back
Finish
Cancel

Some files may be deleted after restarting the computer.

Uninstalling only the components that you want to remove

The following describes an installation on Windows 2000. The procedure is the same when other versions of Windows are used.

1 Open “Control Panel” and double-click the “Add/Remove Programs” icon.



Control Panel

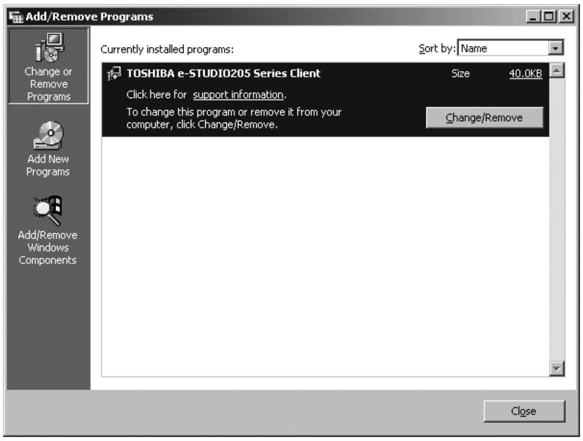
Add/Remove Programs
Installs and removes programs and Windows components

Installs and removes programs and Windows components

Control Panel
File Edit View Favorites Tools Help
Back
Search
Folders
Address Control Panel
Go
Windows Update
Windows 2000 Support
Accessibility Options
Add/Remove Hardware
Add/Remove Programs
Administrative Tools
Automatic Updates
CSNW
Date/Time
Display
Folder Options
Fonts
Game Controllers
Internet Options
Keyboard
Mouse
Network ar Dial-up Co.
My Computer

The Add/Remove Programs dialog box appears.

2 Select “TOSHIBA e-STUDIO205 Series Client” and click [Change/Remove].


Add/Remove Programs
Change or Remove Programs
Add New Programs
Add/Remove Windows Components
Currently installed programs:
Sort by: Name
Size 40.0KB
Change/Remove
Close

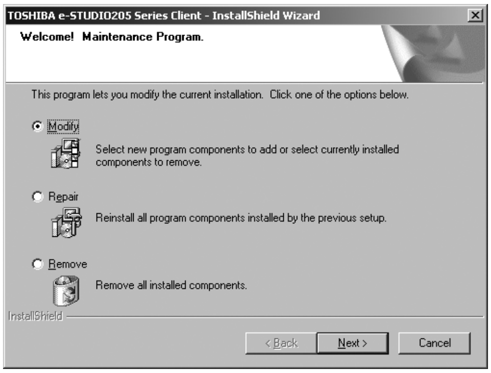
TOSHIBA e-STUDIO205 Series Client

Click here for support information.

To change this program or remove it from your computer, click Change/Remove.

The InstallShield Wizard dialog box appears.

3 Select “Modify” and click [Next].


TOSHIBA e-STUDIO205 Series Client - InstallShield Wizard
InstallShield
< Back
Next >
Cancel

Welcome! Maintenance Program.

This program lets you modify the current installation. Click one of the options below.

● Modify

Select new program components to add or select currently installed components to remove.

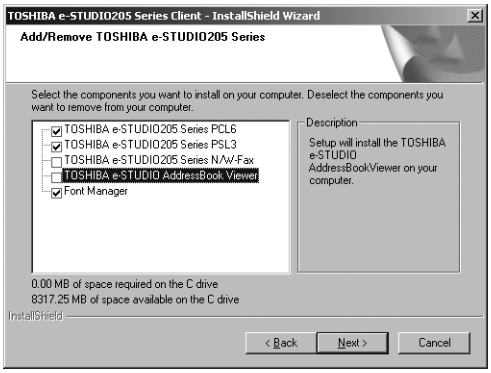
○ Repair

Reinstall all program components installed by the previous setup.

○ Remove

Remove all installed components.

4 Uncheck the components that you want to uninstall and click [Next].


TOSHIBA e-STUDIO205 Series Client - InstallShield Wizard
Description
InstallShield
< Back
Next >
Cancel

Add/Remove TOSHIBA e-STUDIO205 Series

Select the components you want to install on your computer. Deselect the components you want to remove from your computer.

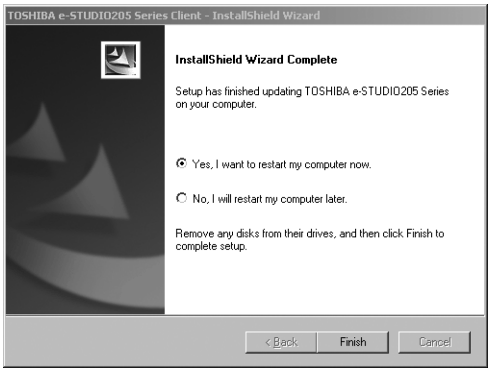
- ☑ TOSHIBA e-STUDIO205 Series PCL6
- ☑ TOSHIBA e-STUDIO205 Series PSL3
- ☐ TOSHIBA e-STUDIO205 Series N/W-Fax
- ☐ TOSHIBA e-STUDIO AddressBook Viewer
- ☑ Font Manager

Setup will install the TOSHIBA e-STUDIO AddressBookViewer on your computer.

0.00 MB of space required on the C drive

8317.25 MB of space available on the C drive

5 Click [Finish].


TOSHIBA e-STUDIO205 Series Client - InstallShield Wizard

InstallShield Wizard Complete

Setup has finished updating TOSHIBA e-STUDIO205 Series on your computer.

● Yes, I want to restart my computer now.

○ No, I will restart my computer later.

Remove any disks from their drives, and then click Finish to complete setup.

< Back
Finish
Cancel

Note

The Installer may ask you to restart your computer. If it does, select “Yes, I want to restart my computer now.” and click [Finish] to restart your computer.

When installed using Add Printer Wizard

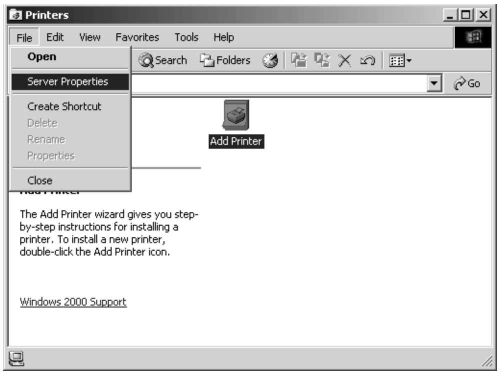
If only printer drivers are installed by Add Printer Wizard or Point and Print, you can uninstall them by deleting the printer icons from the Printers folder.

Deleting printer drivers

1 Open “Printers” folder, select the printer icon that you want to delete, and press the [Delete] key.

- When using Windows 98/Me or Windows NT 4.0, uninstallation has finished.
- When using Windows 2000/XP/Server 2003, continue to the next step.

2 Click the [File] menu and select [Server Properties].


Printers

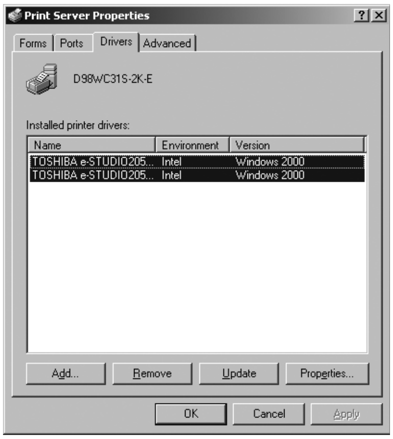
The Add Printer wizard gives you step-by-step instructions for installing a printer. To install a new printer, double-click the Add Printer icon.

Windows 2000 Support

File
Edit
View
Favorites
Tools
Help
Open
Server Properties
Create Shortcut
Delete
Rename
Properties
Close
Search
Folders
Go
Add Printer

The Print Server Properties dialog box appears.

3 **Select the Drivers tab. Select the printer drivers that you want to delete, and click [Remove].**

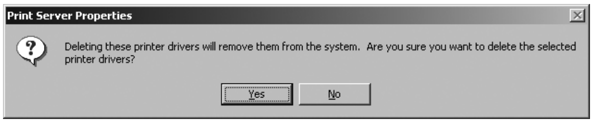

Print Server Properties
Forms
Ports
Drivers
Advanced
D98WC31S-2K-E
Add...
Remove
Update
Properties...
OK
Cancel
Apply

Installed printer drivers:

Name	Environment	Version
TOSHIBA e-STUDIO205...	Intel	Windows 2000
TOSHIBA e-STUDIO205...	Intel	Windows 2000

The confirmation dialog box appears.

4 **Click [Yes].**


Print Server Properties
Yes
No

Deleting these printer drivers will remove them from the system. Are you sure you want to delete the selected printer drivers?

The printer drivers are completely deleted.

Installing Client Software for Macintosh

Please refer to following instructions for configuring printing systems on Macintosh computers.
🕮 P.111 “About client software for Macintosh”
🕮 P.111 “Planning for installation”
🕮 P.113 “Installing the printer on Mac OS 8.6/9.x”
🕮 P.119 “Installing the printer on Mac OS X 10.2.4 to Mac OS X 10.4.x”

About client software for Macintosh

PostScript Printer Description file

The Macintosh PPD (PostScript Printer Description) file contains information about controller-specific features. There are two PPD files provided in the Client Utilities CD-ROM: one is for Mac OS 8.6/9.x and the other is for Mac OS X.
Information within the PPD file for Mac OS 8.6/9.x works in conjunction with the standard Macintosh LaserWriter 8 printer driver version 8.6.5 (or later). This Macintosh PPDs are supplied for Mac OS 8.6 to 9.x and it also supports Mac OS X 10.1/10.2 Classic mode.
Information within the PPD file for Mac OS X works in conjunction with the Print Center on Mac OS X 10.2.4 to Mac OS X 10.4.x.

Planning for installation

System requirements

To install the printer drivers on a Mac OS computer, the following environment is required.
Display Resolution: 1028 x 768 dots or more
OS: Mac OS 8.6 to 9.x, Mac OS X 10.1 (Classic), Mac OS X 10.2 (Classic)
Mac OS X 10.2.4 to Mac OS X 10.4.x
Protocol: TCP/IP, AppleTalk (Ethernet), Bonjour
Printer Driver: LaserWriter 8 printer driver version 8.6.5 or later
(not required for Mac OS X)

Note

Mac OS X 10.2 and its earlier versions of Mac OS X are supported in Classic mode using the PPD file for Mac OS 8.6 to 9.x. This equipment also provides the PPD file for Mac OS X 10.2.4 to Mac OS X 10.4.x.

Installation procedure list for Maintosh client software

The following table shows the procedure list to install the PPD files and configure the printers.

OS	Description	Refer to
Mac OS 8.6/9.x	PPD file installation	📖 P.113 “Installing the Macintosh PPD file”
	LPR printing	📖 P.114 “Configuring Macintosh LPR printing”
	AppleTalk printing configuration	📖 P.117 “Configuring Macintosh AppleTalk printing”
Mac OS X 10.2.4 to 10.3.x	PPD file installation	📖 P.119 “Installing the Macintosh PPD file”
	IP printing	📖 P.123 “Configuring Macintosh IP printing on Mac OS X 10.2.4 to 10.3.x”
	IPP printing	📖 P.125 “Configuring Macintosh IPP printing on Mac OS X 10.2.4 to 10.3.x”
	AppleTalk/Bonjour printing	📖 P.127 “Configuring Macintosh AppleTalk/ Bonjour printing on Mac OS X 10.2.4 to 10.3.x”
Mac OS X 10.4.x	PPD file installation	📖 P.119 “Installing the Macintosh PPD file”
	IP printing	📖 P.130 “Configuring Macintosh IP printing on Mac OS X 10.4.x”
	IPP printing	📖 P.132 “Configuring Macintosh IPP printing on Mac OS X 10.4.x”
	AppleTalk/Bonjour printing	📖 P.133 “Configuring Macintosh AppleTalk/ Bonjour printing on Mac OS X 10.4.x”

Installing the printer on Mac OS 8.6/9.x

Installing the Macintosh PPD file

The Macintosh PPD file that is provided in the Client Utilities CD-ROM can be installed by copying it to the System Folder: Extensions: Printer Descriptions folder.
This PPD file supports printing from Mac OS 8.6 or 9.x. In addition, it supports printing with these operating systems running on Mac OS X 10.1/10.2 allowing operation in classic mode.
The options need to be configured manually in Mac OS X 10.1.

Copying the PPD file to Mac OS 8.6 or 9.x

1. **Insert the Client Utilities CD-ROM into the CD-ROM drive and open your language folder in the "MacPPD:OS9" folder.**
2. **Copy the StuffIt file (TOSHIBA_e-STUDIO205Srs.sit) to the desktop, and extract the Macintosh PPD file.**

   Note

   To extract the file, the StuffIt utility must be installed on your computer. For instructions on how to extract the file, refer to your StuffIt documentation.

3. **Double-click the boot drive icon and open the "System Folder:Extensions:Printer Descriptions" folder.**
4. **Select and drag the Macintosh PPD file that you extracted to the "Printer Descriptions" folder.**
5. **Continue the procedure for configuring the printer.**
   📖 P.113 "Configuring the printer on Mac OS 8.6/9.x"

Configuring the printer on Mac OS 8.6/9.x

After you copy the PPD file to the Printer Descriptions folder in the System Folder, you can configure the printer.
This equipment supports two types of Macintosh Printing Service: LPR Printing or AppleTalk Printing.

- **LPR printing**
  When this equipment and your computer are connected over the TCP/IP network, you can enable LPR printing from a Macintosh computer.
- **AppleTalk printing**
  When this equipment and your computer are connected over the AppleTalk network, you can enable AppleTalk printing from a Macintosh computer.

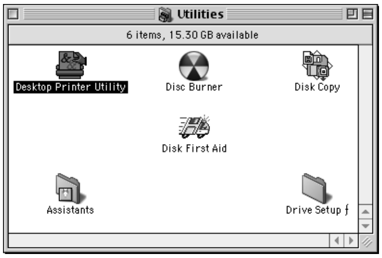
Configuring Macintosh LPR printing

Note

Before installing the printer driver for LPR printing on Macintosh, check with your system administrator to make sure of the following:

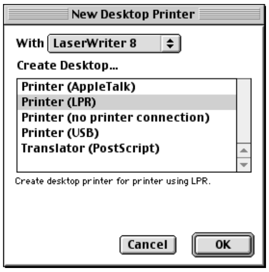
- This equipment is connected to the network and turned on.
- The TCP/IP setting is correct.
- LPD Printing Service is enabled on this equipment. Ask your administrator if the LPD Printing Service is enabled.

1 Start the Desktop Printer Utility.


Utilities
6 items, 15.30 GB available
Desktop Printer Utility
Disc Burner
Disk Copy
Disk First Aid
Assistants
Drive Setup ƒ

- The folder containing the Desktop Printer Utility differs depending on the Mac OS version. If you cannot locate the Desktop Printer Utility, search it in the boot disk.
- The New Desktop Printer dialog box appears.

2 Make sure “LaserWriter 8” is selected in the “With” drop down menu, select “Printer (LPR)” and click [OK].

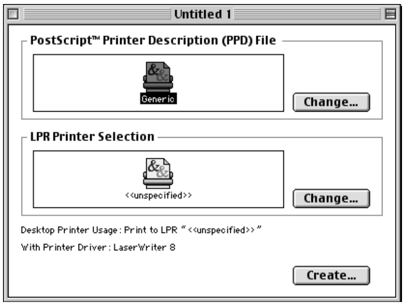

New Desktop Printer
Create Desktop...
Printer (AppleTalk)
Printer (LPR)
Printer (no printer connection)
Printer (USB)
Translator (PostScript)
Cancel
OK

With: LaserWriter 8

Create desktop printer for printer using LPR.

The Macintosh LPR Printer Selection dialog box opens.

3 Click [Change...] in the PostScript Printer Description (PPD) File area.

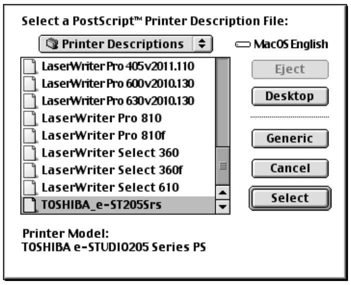

Untitled 1
PostScript™ Printer Description (PPD) File
Generic
Change...
LPR Printer Selection
<<unspecified>>
Change...
Create...

Desktop Printer Usage : Print to LPR “<<unspecified>>”

With Printer Driver : LaserWriter 8

The Select a PostScript Printer Description File dialog box appears.

4. **Select the PPD file (TOSHIBA_e-STUDIO205Srs) for the equipment and click [Select].**

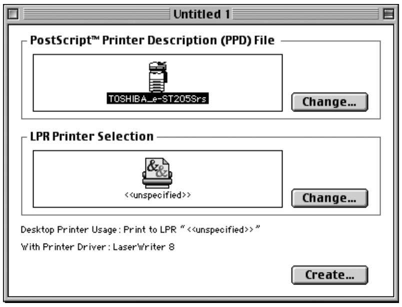


Select a PostScript™ Printer Description File:

Printer Model:
TOSHIBA e-STUDIO205 Series PS

Printer Descriptions
MacOS English
LaserWriter Pro 405v2011.110
LaserWriter Pro 600v2010.130
LaserWriter Pro 630v2010.130
LaserWriter Pro 810
LaserWriter Pro 810f
LaserWriter Select 360
LaserWriter Select 360f
LaserWriter Select 610
TOSHIBA_e-ST205Srs
Eject
Desktop
Generic
Cancel
Select

5. **Click [Change...] in the LPR Printer Selection area.**

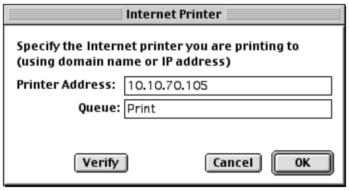


Desktop Printer Usage : Print to LPR "<<unspecified>>"
With Printer Driver : LaserWriter 8

Untitled 1
PostScript™ Printer Description (PPD) File
TOSHIBA_e-ST205Srs
Change...
LPR Printer Selection
<<unspecified>>
Change...
Create...

The Internet Printer dialog box appears.

6. **Enter the IP Address of this equipment in the "Printer Address" field and "Print" in the "Queue" field. Then click [OK].**



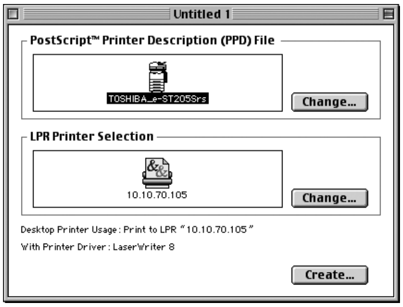
Specify the Internet printer you are printing to (using domain name or IP address)

Printer Address: 10.10.70.105

Queue: Print

Internet Printer
Verify
Cancel
OK

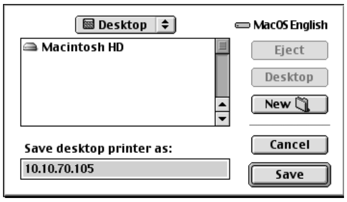
7. **Click [Create...].**



Desktop Printer Usage : Print to LPR "10.10.70.105"
With Printer Driver : LaserWriter 8

Untitled 1
PostScript™ Printer Description (PPD) File
TOSHIBA_e-ST205Srs
Change...
LPR Printer Selection
10.10.70.105
Change...
Create...

8 Enter the Desktop Printer name and click [Save].


Desktop
MacOS English
Macintosh HD
Eject
Desktop
New
Cancel
Save

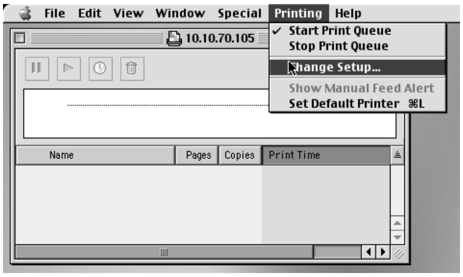
Save desktop printer as: 10.10.70.105

The printer is added to the desktop.

9 Double-click the desktop printer icon that you created.

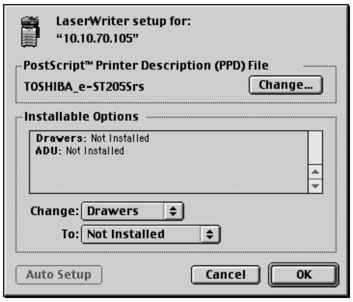
The Desktop Printer utility window opens.

10 Click the [Printing] menu and select [Change Setup...].


File
Edit
View
Window
Special
Printing
Help
10.10.70.105
Start Print Queue
Stop Print Queue
Change Setup...
Show Manual Feed Alert
Set Default Printer ⌘L
Name
Pages
Copies
Print Time

The LaserWriter setup dialog box appears.

11 Select each option item in the “Change” drop down menu and select installed option in the “To” drop down menu according to the configuration of this equipment.


Change...
Auto Setup
Cancel
OK

LaserWriter setup for:
“10.10.70.105”

PostScript™ Printer Description (PPD) File
TOSHIBA_e-ST205Srs

Installable Options
Drawers: Not Installed
ADU: Not Installed

Change: Drawers
To: Not Installed

- **Drawers**
  Not Installed – Select this when no optional paper feed unit is installed.
  Drawer 2 – Select this when only the Paper Feed Unit (optional) is installed.
  Drawer 2 & 3 – Select this when the Paper Feed Unit (optional) and Paper Feed Pedestal (optional, its upper Drawer only) are installed.
  Drawer 2, 3 & 4 – Select this when the Paper Feed Unit (optional) and Paper Feed Pedestal (optional, both of its upper and lower Drawers) are installed.
- **ADU**
  Not Installed – Select this when the Automatic Duplexing Unit (optional) is not installed.
  Installed – Select this when the Automatic Duplexing Unit (optional) is installed.

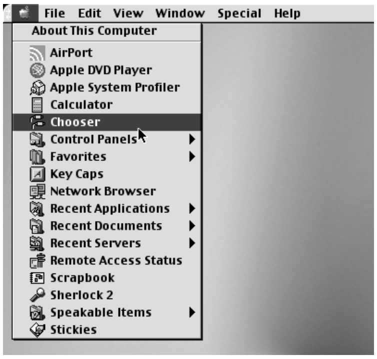
12 Click [OK].

Configuring Macintosh AppleTalk printing

Note

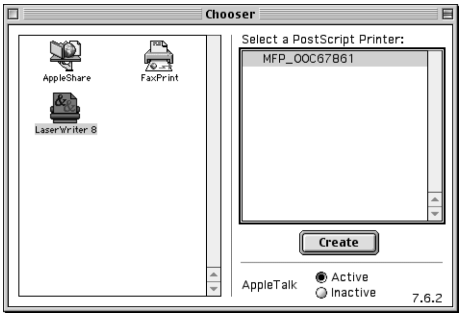
Before installing the printer driver for AppleTalk printing on Macintosh, check with your system administrator to make sure of the following:
- This equipment is connected to the network and turned on.
- AppleTalk is enabled. Ask your administrator if AppleTalk is enabled.

1. **Click Apple menu and select [Chooser].**


File
Edit
View
Window
Special
Help
About This Computer
AirPort
Apple DVD Player
Apple System Profiler
Calculator
Chooser
Control Panels
Favorites
Key Caps
Network Browser
Recent Applications
Recent Documents
Recent Servers
Remote Access Status
Scrapbook
Sherlock 2
Speakable Items
Stickies

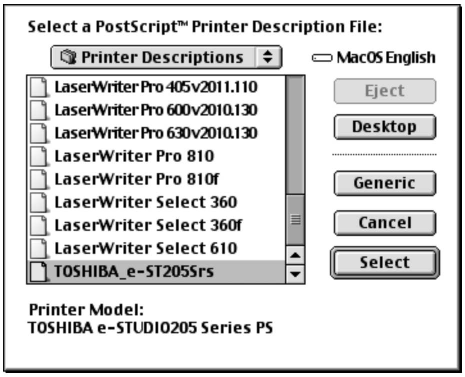
The Chooser dialog box appears.

2. **Select the LaserWriter 8 icon (and select the AppleTalk zone if configured). Then select this equipment displayed in the list, and click [Create].**


Chooser
AppleShare
FaxPrint
LaserWriter 8
Select a PostScript Printer:
MFP_00C67861
Create
AppleTalk
● Active
○ Inactive
7.6.2

The Select a PostScript Printer Description File dialog box appears.

3 Select the PPD file (TOSHIBA_e-STUDIO205Srs) for the equipment and click [Select].

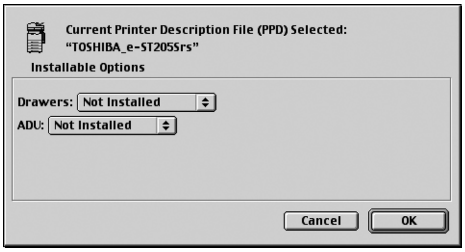


Select a PostScript™ Printer Description File:

LaserWriter Pro 405v2011.110
LaserWriter Pro 600v2010.130
LaserWriter Pro 630v2010.130
LaserWriter Pro 810
LaserWriter Pro 810f
LaserWriter Select 360
LaserWriter Select 360f
LaserWriter Select 610
TOSHIBA_e-ST205Srs

Printer Model:
TOSHIBA e-STUDIO205 Series PS

4 Select each option according to the configuration of this equipment and click [OK].



Current Printer Description File (PPD) Selected:
“TOSHIBA_e-ST205Srs”
Installable Options

Drawers: Not Installed
ADU: Not Installed

- **Drawers**
  Not Installed – Select this when no optional paper feed unit is installed.
  Drawer 2 – Select this when only the Paper Feed Unit (optional) is installed.
  Drawer 2 & 3 – Select this when the Paper Feed Unit (optional) and Paper Feed Pedestal (optional, its upper Drawer only) are installed.
  Drawer 2, 3 & 4 – Select this when the Paper Feed Unit (optional) and Paper Feed Pedestal (optional, both of its upper and lower Drawers) are installed.
- **ADU**
  Not Installed – Select this when the Automatic Duplexing Unit (optional) is not installed.
  Installed – Select this when the Automatic Duplexing Unit (optional) is installed.

5 Close the Chooser Dialog box.

The Printer icon is created on the desktop.

Installing the printer on Mac OS X 10.2.4 to Mac OS X 10.4.x

Install and configure the printer by the following steps:
📖 P.119 “Installing the Macintosh PPD file”
📖 P.122 “Configuring the printer on Mac OS X 10.2.4 to 10.3.x”
📖 P.129 “Configuring the printer on Mac OS X 10.4.x”
📖 P.136 “Configuring the installable options”

Installing the Macintosh PPD file

This equipment supports printing from Mac OS X 10.2.4 to Mac OS X 10.4.x.

Installing the PPD file to Mac OS X

Note

The timing that the Authenticate dialog box to enter your name and password appears differs depending on the version of your OS.

1 **Insert the Client Utilities CD-ROM into the CD-ROM drive and open the “MacPPD:OSX” folder.**

2 **Copy the GZ file (TOSHIBA_e-STUDIO205Srs.dmg.gz) to the desktop.**

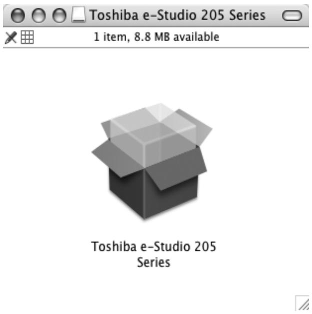
3 **Double-click the GZ file on the desktop.**

If the installer window does appear, go to step 5.

4 **Double-click the GZIP file (TOSHIBA_e-STUDIO205Srs.dmg) and then click the “Toshiba e-Studio 205 Series” icon.**

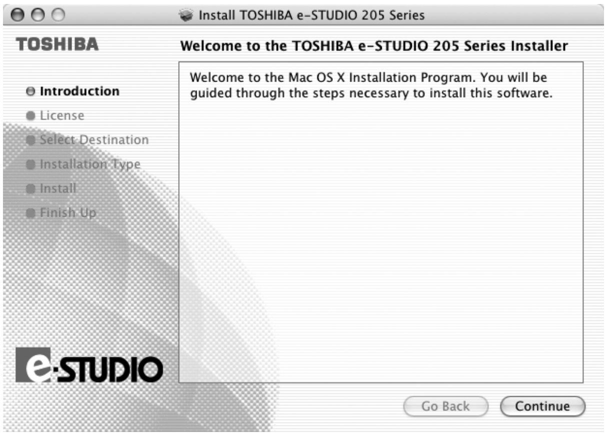
The installer window appears.

5 **Double-click the icon in the installer window.**



The welcome message is displayed.

6 **Click [Continue].**

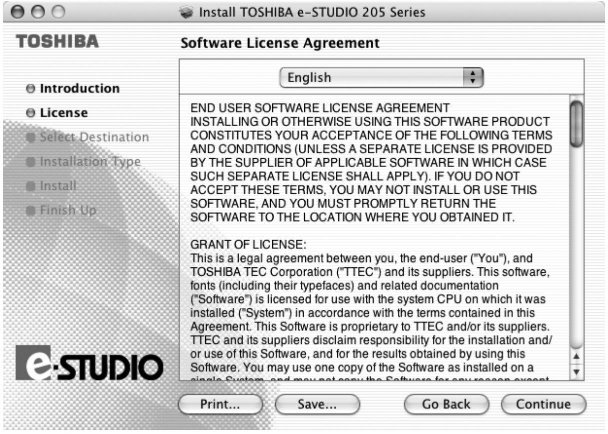

Install TOSHIBA e-STUDIO 205 Series
TOSHIBA
Introduction
License
Select Destination
Installation Type
Install
Finish Up
e-STUDIO
Go Back
Continue

Welcome to the TOSHIBA e-STUDIO 205 Series Installer

Welcome to the Mac OS X Installation Program. You will be guided through the steps necessary to install this software.

The Software License Agreement window is displayed.

7 **Click [Continue].**


Install TOSHIBA e-STUDIO 205 Series
TOSHIBA
Introduction
License
Select Destination
Installation Type
Install
Finish Up
e-STUDIO
English
Print...
Save...
Go Back
Continue

Software License Agreement

END USER SOFTWARE LICENSE AGREEMENT
INSTALLING OR OTHERWISE USING THIS SOFTWARE PRODUCT CONSTITUTES YOUR ACCEPTANCE OF THE FOLLOWING TERMS AND CONDITIONS (UNLESS A SEPARATE LICENSE IS PROVIDED BY THE SUPPLIER OF APPLICABLE SOFTWARE IN WHICH CASE SUCH SEPARATE LICENSE SHALL APPLY). IF YOU DO NOT ACCEPT THESE TERMS, YOU MAY NOT INSTALL OR USE THIS SOFTWARE, AND YOU MUST PROMPTLY RETURN THE SOFTWARE TO THE LOCATION WHERE YOU OBTAINED IT.

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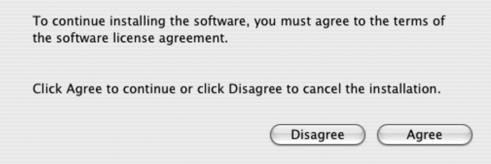
8 **Click [Agree].**

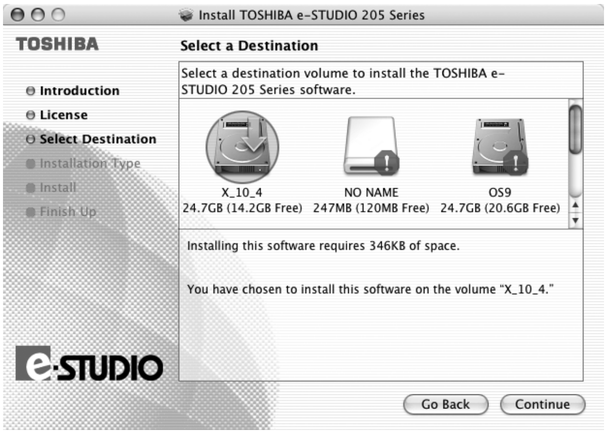

Disagree
Agree

To continue installing the software, you must agree to the terms of the software license agreement.

Click Agree to continue or click Disagree to cancel the installation.

The Select a Destination window is displayed.

9 Select the boot hard disk of your Mac OS X and click [Continue].


Install TOSHIBA e-STUDIO 205 Series
TOSHIBA
Introduction
License
Select Destination
Installation Type
Install
Finish Up
X_10_4
24.7GB (14.2GB Free)
NO NAME
247MB (120MB Free)
OS9
24.7GB (20.6GB Free)
e-STUDIO
Go Back
Continue

Select a Destination

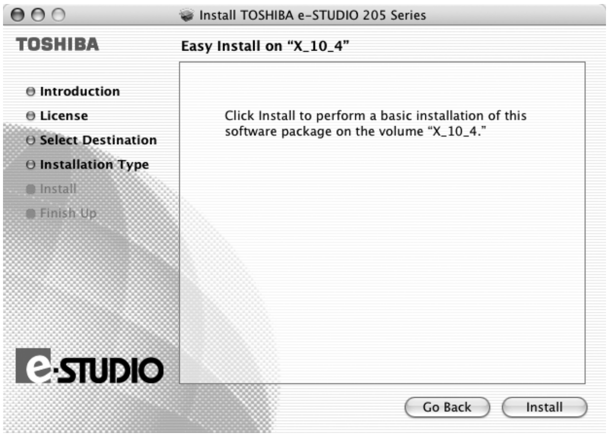
Select a destination volume to install the TOSHIBA e-STUDIO 205 Series software.

Installing this software requires 346KB of space.

You have chosen to install this software on the volume "X_10_4."

The Easy Install window is displayed.

10 Click [Install] (or [Upgrade]).

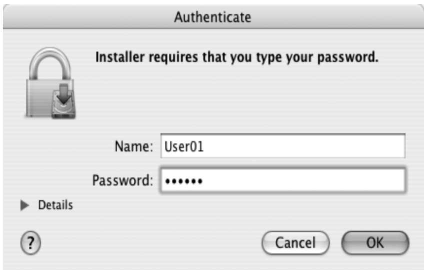

Install TOSHIBA e-STUDIO 205 Series
TOSHIBA
Introduction
License
Select Destination
Installation Type
Install
Finish Up
e-STUDIO
Go Back
Install

Easy Install on "X_10_4"

Click Install to perform a basic installation of this software package on the volume "X_10_4."

It start copying the PPD files for each language.

11 Enter the name and password, and click [OK].


Authenticate
Details
?
Cancel
OK

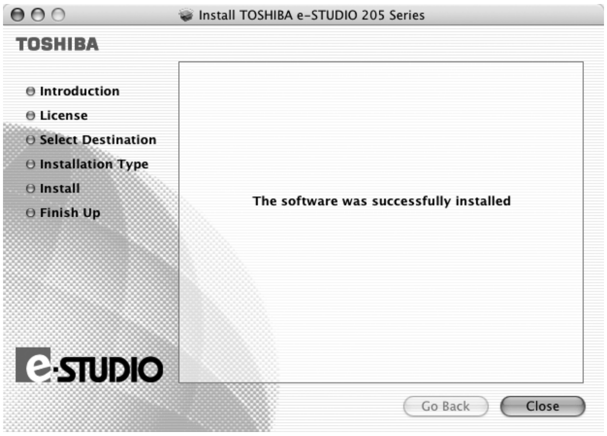
Installer requires that you type your password.

Name: User01

Password: ••••••

The Install Software window is displayed.

12 **Click [Close] to close the installer window.**



Install TOSHIBA e-STUDIO 205 Series
TOSHIBA
Introduction
License
Select Destination
Installation Type
Install
Finish Up
e-STUDIO
Go Back
Close

The software was successfully installed

13 **Delete the GZIP files and Installer files created from the desktop.**

14 **Continue the procedure for configuring the printer.**

📖 P.122 “Configuring the printer on Mac OS X 10.2.4 to 10.3.x”
📖 P.129 “Configuring the printer on Mac OS X 10.4.x”

Configuring the printer on Mac OS X 10.2.4 to 10.3.x

This equipment supports the following Macintosh Printing Services: IP printing, IPP printing, AppleTalk printing and Bonjour printing.

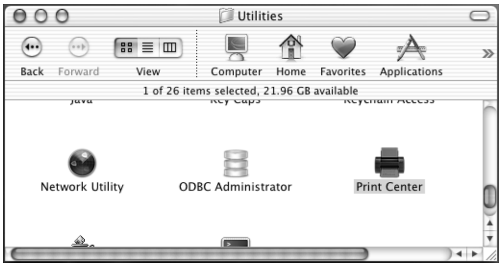
- **IP printing**
  When this equipment and your computer are connected over the TCP/IP network, you can enable IP printing from a Macintosh computer.
- **IPP printing**
  When this equipment and your computer are connected over the TCP/IP network, you can enable IPP printing from a Macintosh computer.
- **AppleTalk printing**
  When this equipment and your computer are connected over the AppleTalk network, you can enable AppleTalk printing from a Macintosh computer.
- **Bonjour printing (only for Mac OS X 10.3.x/10.4.x)**
  When this equipment and your computer are connected over the TCP/IP network, you can enable Bonjour printing from a Macintosh computer.

Configuring Macintosh IP printing on Mac OS X 10.2.4 to 10.3.x

Tip

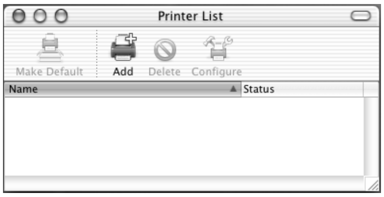
Before installing the printer driver for IP printing, check with your system administrator to make sure of the following:
- This equipment is connected to the network and turned on.
- The TCP/IP setting is correct.
- LPD Printing Service is enabled on this equipment. Ask your administrator if the LPD Printing Service is enabled.

1 **Start the Print Center (for Mac OS X 10.2.4 to 10.2.8) or Printer Setup Utility (for Mac OS X 10.3.x), located in the “Applications:Utilities” folder in the Boot Disk.**

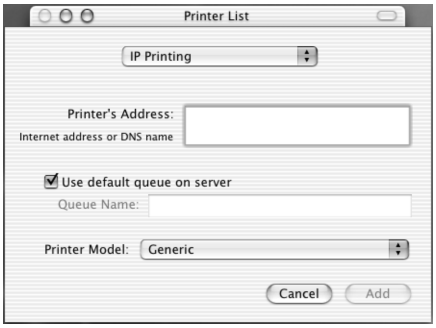

Utilities
Back
Forward
View
Computer
Home
Favorites
Applications
1 of 26 items selected, 21.96 GB available
Network Utility
ODBC Administrator
Print Center

The Printer List dialog box appears.

2 **Click [Add].**


Printer List
Make Default
Add
Delete
Configure
Name
Status

3 **Select “IP Printing” in the drop down box.**

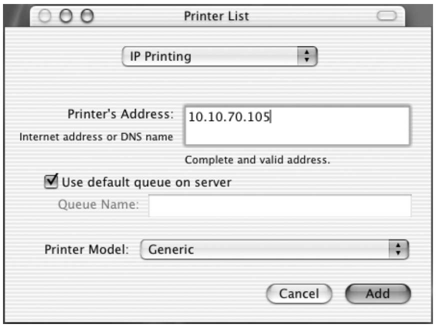

Printer List
Printer's Address:
Internet address or DNS name
Queue Name:
Cancel
Add

IP Printing

☑ Use default queue on server

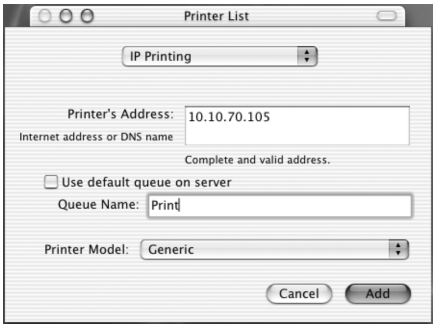
Printer Model: Generic

4 **Enter the IP address or DNS name of this equipment in the "Printer's Address" field.**


Printer List
IP Printing
Cancel
Add

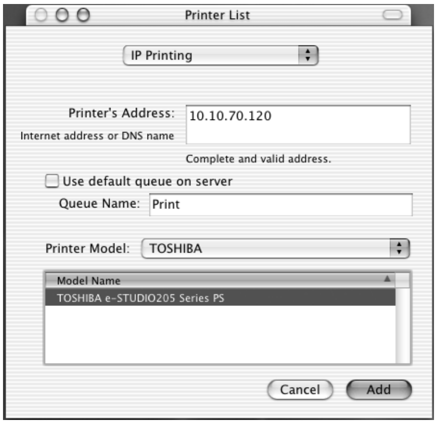
Printer's Address: 10.10.70.105
Internet address or DNS name
Complete and valid address.
☑ Use default queue on server
Queue Name:
Printer Model: Generic

5 **Uncheck the "Use default queue on server" box and enter "Print" in the "Queue Name" field.**


Printer List
IP Printing
Cancel
Add

Printer's Address: 10.10.70.105
Internet address or DNS name
Complete and valid address.
☐ Use default queue on server
Queue Name: Print
Printer Model: Generic

6 **Select "TOSHIBA" at the "Printer Model" drop down box, and select the PPD file.**


Printer List
IP Printing
Model Name
Cancel
Add

Printer's Address: 10.10.70.120
Internet address or DNS name
Complete and valid address.
☐ Use default queue on server
Queue Name: Print
Printer Model: TOSHIBA
TOSHIBA e-STUDIO205 Series PS

7 **Click [Add].**

The printer is added to the Printer List.

8 **Continue the procedure to configure the installable options.**

📖 P.136 "Configuring the installable options"

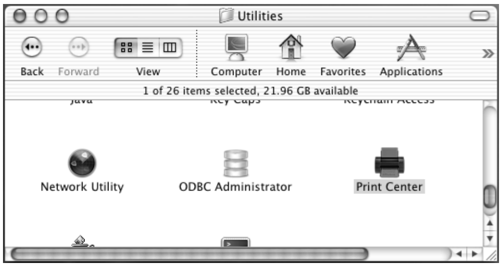
Configuring Macintosh IPP printing on Mac OS X 10.2.4 to 10.3.x

Tip

Before installing the printer driver for IPP printing, check with your system administrator to make sure of the following:

- This equipment is connected to the network and turned on.
- IPP Printing Service is enabled on this equipment. Ask your administrator if the IPP Printing Service is enabled.

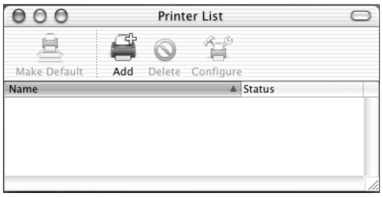
1. **Start the Print Center (for Mac OS X 10.2.4 to 10.2.8) or Printer Setup Utility (for Mac OS X 10.3.x), located in the “Applications:Utilities” folder in the Boot Disk.**


Utilities
Back
Forward
View
Computer
Home
Favorites
Applications
Network Utility
ODBC Administrator
Print Center

1 of 26 items selected, 21.96 GB available

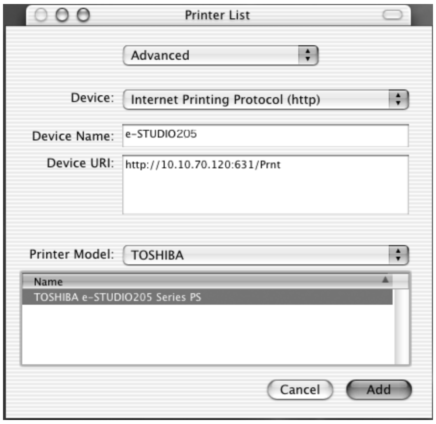
The Printer List dialog box appears.

2. **Click [Add] while pressing the [option] button.**


Printer List
Make Default
Add
Delete
Configure
Name
Status

This is mandatory to show all the advanced print option in the drop down box in the Print List window.

3 Select “Advanced” in the drop down box and specify the items as described below.



Advanced

Device: Internet Printing Protocol (http)

Device Name: e-STUDIO205

Device URI: http://10.10.70.120:631/Prnt

Printer Model: TOSHIBA

Name
TOSHIBA e-STUDIO205 Series PS

Device: Internet Printing Protocol (http)
Device Name: <Any Name>
Device URI: http://<IP address>:631/Print
Printer Model: TOSHIBA
PPD: TOSHIBA e-STUDIO205 Series PS

4 Click [Add].

The printer is added to the Printer List.

5 Continue the procedure to configure the installable options.

📖 P.136 “Configuring the installable options”

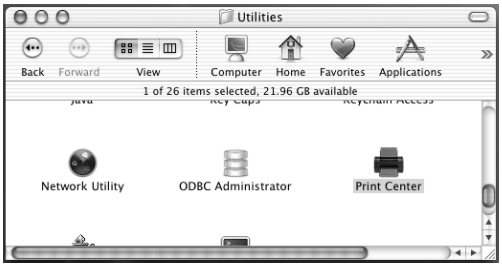
Configuring Macintosh AppleTalk/Bonjour printing on Mac OS X 10.2.4 to 10.3.x

Note

Before installing the printer driver for AppleTalk/Bonjour printing, check with your system administrator to make sure of the following:

- This equipment is connected to the network and turned on.
- AppleTalk/Bonjour is enabled on this equipment. Ask your administrator if AppleTalk/Bonjour is enabled.

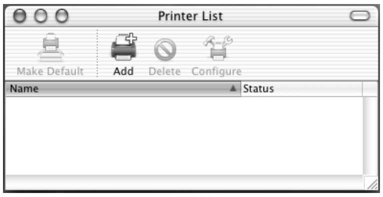
1 **Start the Print Center (for Mac OS X 10.2.4 to 10.2.8) or Printer Setup Utility (for Mac OS X 10.3.x), located “Applications:Utilities” folder in the Boot Disk.**


Utilities
Back
Forward
View
Computer
Home
Favorites
Applications
Network Utility
ODBC Administrator
Print Center

1 of 26 items selected, 21.96 GB available

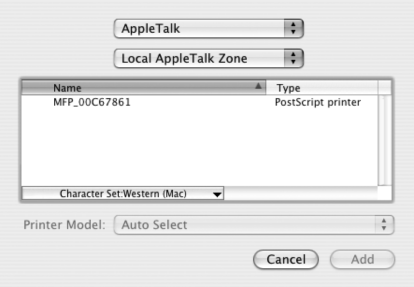
The Printer List dialog box appears.

2 **Click [Add].**


Printer List
Make Default
Add
Delete
Configure
Name
Status

3 Select “AppleTalk”/“Bonjour (Rendezvous)” in the drop down box.

When you select “AppleTalk”: Go to step 4.



AppleTalk

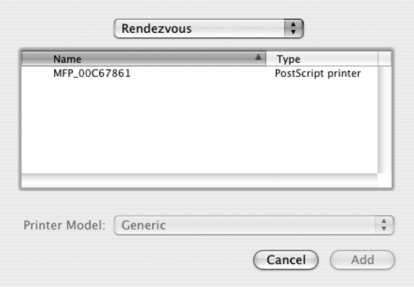
Local AppleTalk Zone

Name	Type
MFP_00C67861	PostScript printer

Character Set:Western (Mac)

Printer Model: Auto Select

When you select “Bonjour”: Go to step 5.

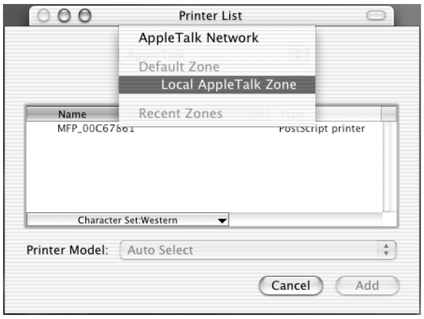


Rendezvous

Name	Type
MFP_00C67861	PostScript printer

Printer Model: Generic

4 When you select “AppleTalk”, select a zone where this equipment is located.

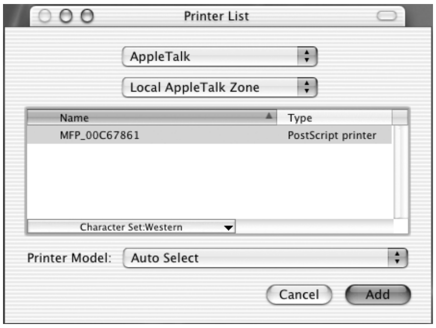


Printer List
AppleTalk Network
Default Zone
Local AppleTalk Zone
Recent Zones
Name
MFP_00C67861
PostScript printer
Character Set:Western
Printer Model:
Auto Select
Cancel
Add

If the AppleTalk network is not configured with a zone, select “Local AppleTalk zone”.

5 Select this equipment displayed in the list.

Example of when you select AppleTalk:



Printer List

AppleTalk

Local AppleTalk Zone

Name	Type
MFP_00C67861	PostScript printer

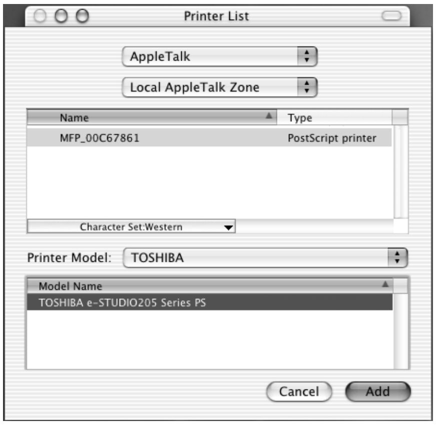
Character Set:Western

Printer Model: Auto Select

Cancel
Add

6 **Select “TOSHIBA” at the “Printer Model” drop down box, and select the PPD file.**

Example of when you select AppleTalk:



AppleTalk

Local AppleTalk Zone

Name	Type
MFP_00C67861	PostScript printer

Character Set:Western

Printer Model: TOSHIBA

Model Name
TOSHIBA e-STUDIO205 Series PS

7 **Click [Add].**

The printer is added to the Printer List.

8 **Continue the procedure to configure the installable options.**

📖 P.136 “Configuring the installable options”

Configuring the printer on Mac OS X 10.4.x

After you copy the PPD file to the library folder in the System Folder, you can configure the printer.
This equipment supports the following Macintosh Printing Services: IP printing, IPP printing, AppleTalk printing and Bonjour printing.

- **IP printing**
  When this equipment and your computer are connected over the TCP/IP network, you can enable IP printing from a Macintosh computer.
- **IPP printing**
  When this equipment and your computer are connected over the TCP/IP network, you can enable IPP printing from a Macintosh computer.
- **AppleTalk printing**
  When this equipment and your computer are connected over the AppleTalk network, you can enable AppleTalk printing from a Macintosh computer.
- **Bonjour printing**
  When this equipment and your computer are connected over the TCP/IP network, you can enable Bonjour printing from a Macintosh computer.

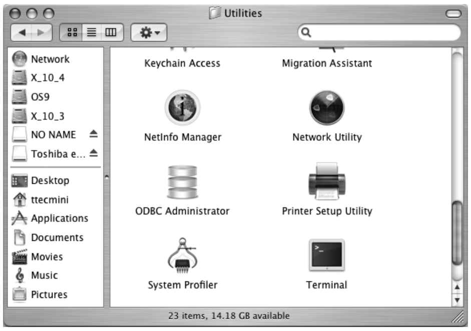
Configuring Macintosh IP printing on Mac OS X 10.4.x

Tip

Before installing the printer driver for IP printing, check with your system administrator to make sure of the following:

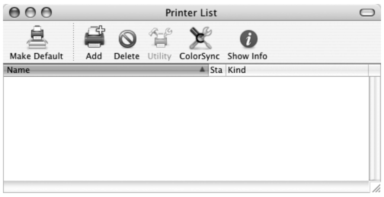
- This equipment is connected to the network and turned on.
- The TCP/IP setting is correct.
- LPD Printing Service is enabled on this equipment. Ask your administrator if the LPD Printing Service is enabled.

1 **Start the Printer Setup Utility located in the “Applications:Utilities” folder in the Boot Disk.**


Utilities
Network
X_10_4
OS9
X_10_3
NO NAME
Toshiba e...
Desktop
ttecmini
Applications
Documents
Movies
Music
Pictures
Keychain Access
Migration Assistant
NetInfo Manager
Network Utility
ODBC Administrator
Printer Setup Utility
System Profiler
Terminal
23 items, 14.18 GB available

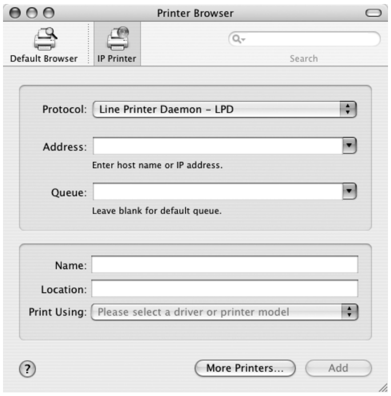
The Printer List dialog box appears.

2 **Click [Add].**


Printer List
Make Default
Add
Delete
Utility
ColorSync
Show Info
Name
Sta
Kind

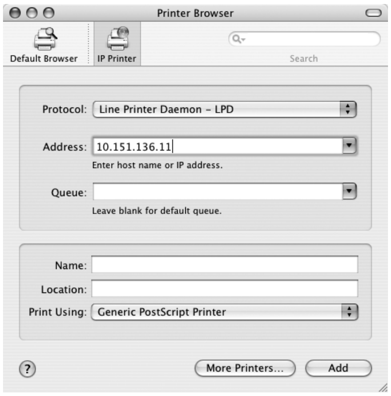
The Printer Browser dialog box appears.

3 **Click [IP Printer] and select “Line Printer Daemon - LPD” in the drop down box.**


Protocol: Line Printer Daemon – LPD

Printer Browser
Default Browser
IP Printer
Search
Address:
Enter host name or IP address.
Queue:
Leave blank for default queue.
Name:
Location:
Print Using:
Please select a driver or printer model
?
More Printers...
Add

4 Enter the IP address or DNS name of this equipment in the “Address” field.


Printer Browser
Default Browser
IP Printer
Search
More Printers...
Add

Protocol: Line Printer Daemon – LPD

Address: 10.151.136.11

Enter host name or IP address.

Queue:

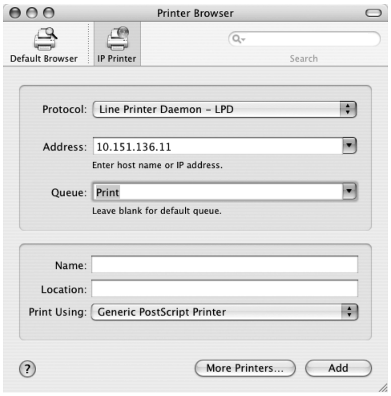
Leave blank for default queue.

Name:

Location:

Print Using: Generic PostScript Printer

5 Enter “Print” in the “Queue” field.


Printer Browser
Default Browser
IP Printer
Search
More Printers...
Add

Protocol: Line Printer Daemon – LPD

Address: 10.151.136.11

Enter host name or IP address.

Queue: Print

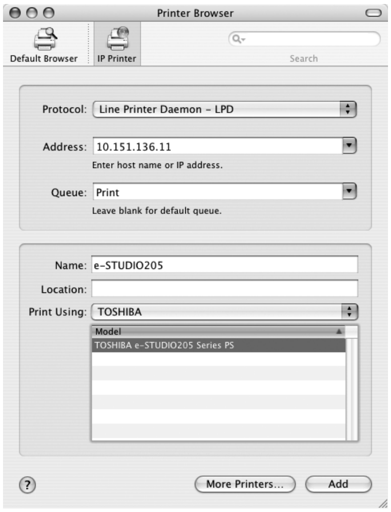
Leave blank for default queue.

Name:

Location:

Print Using: Generic PostScript Printer

6 Select “TOSHIBA” at the “Print Using” drop down box, and select the PPD file.


Printer Browser
Default Browser
IP Printer
Search
Model
More Printers...
Add

Protocol: Line Printer Daemon – LPD

Address: 10.151.136.11

Enter host name or IP address.

Queue: Print

Leave blank for default queue.

Name: e-STUDIO205

Location:

Print Using: TOSHIBA

TOSHIBA e-STUDIO205 Series PS

Enter the name and location of this equipment in the “Name” and “Location” as required. (The content of the “Address” field automatically appears in this field.)

7 **Click [Add].**

8 **Continue the procedure to configure the installable options.**
📖 P.136 “Configuring the installable options”

9 **Click [Continue].**
The printer is added to the Printer List.

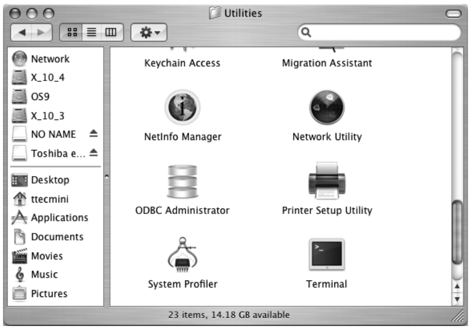
Configuring Macintosh IPP printing on Mac OS X 10.4.x

Tip

Before installing the printer driver for IPP printing, check with your system administrator to make sure of the following:

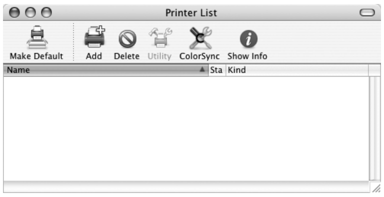
- This equipment is connected to the network and turned on.
- IPP Printing Service is enabled on this equipment. Ask your administrator if the IPP Printing Service is enabled.

1 **Start the Printer Setup Utility located in the “Applications:Utilities” folder in the Boot Disk.**


Utilities
Network
X_10_4
OS9
X_10_3
NO NAME
Toshiba e...
Desktop
ttecmini
Applications
Documents
Movies
Music
Pictures
Keychain Access
Migration Assistant
NetInfo Manager
Network Utility
ODBC Administrator
Printer Setup Utility
System Profiler
Terminal
23 items, 14.18 GB available

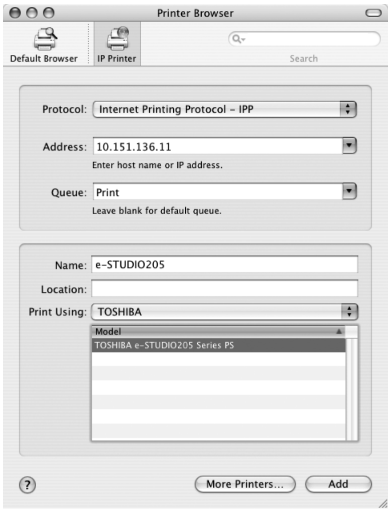
The Printer List dialog box appears.

2 **Click [Add].**


Printer List
Make Default
Add
Delete
Utility
ColorSync
Show Info
Name
Sta
Kind

The Printer Browser dialog box appears.

3 **Click [IP Printer] and select “Internet Printing Protocol - IPP” in the drop down box.**



Protocol: Internet Printing Protocol – IPP

Address: 10.151.136.11

Enter host name or IP address.

Queue: Print

Leave blank for default queue.

Name: e-STUDIO205

Location:

Print Using: TOSHIBA

Model
TOSHIBA e-STUDIO205 Series PS

4 **Specify the items described below.**

Address: IP address or DNS name
Queue: http://<IP address>:631/Print
Name: <Any Name>
(The content of the “Address” field automatically appears in this field.)
Location: <Any Name>
Print Using: TOSHIBA
PPD: TOSHIBA e-STUDIO205 Series PS

5 **Click [Add].**

6 **Continue the procedure to configure the installable options.**

📖 P.136 “Configuring the installable options”

7 **Click [Continue].**

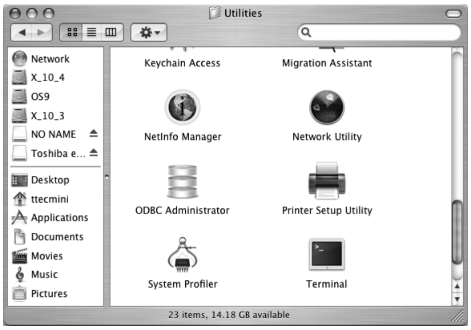
The printer is added to the Printer List.

Configuring Macintosh AppleTalk/Bonjour printing on Mac OS X 10.4.x

Tip

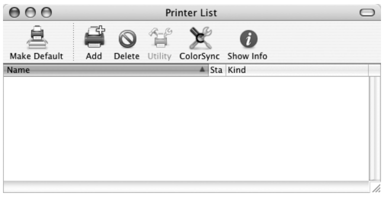
Before installing the printer driver for AppleTalk/ Bonjour printing, check with your system administrator to make sure of the following:
- This equipment is connected to the network and turned on.
- AppleTalk/Bonjour is enabled on this equipment. Ask your administrator if AppleTalk/Bonjour is enabled.

1 **Start the Printer Setup Utility located in the “Applications:Utilities” folder in the Boot Disk.**


Utilities
Network
X_10_4
OS9
X_10_3
NO NAME
Toshiba e...
Desktop
ttecmini
Applications
Documents
Movies
Music
Pictures
Keychain Access
Migration Assistant
NetInfo Manager
Network Utility
ODBC Administrator
Printer Setup Utility
System Profiler
Terminal
23 items, 14.18 GB available

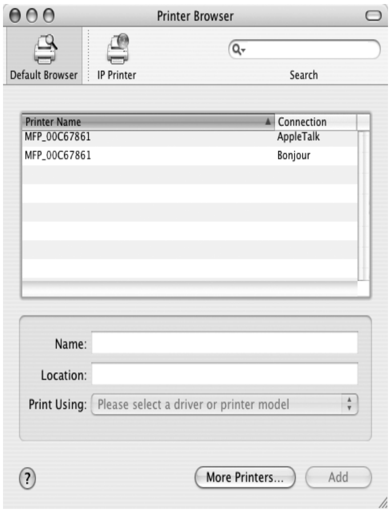
The Printer List dialog box appears.

2 **Click [Add].**


Printer List
Make Default
Add
Delete
Utility
ColorSync
Show Info
Name
Sta
Kind

The Printer Browser dialog box appears.

3 **Click [Default Browser].**

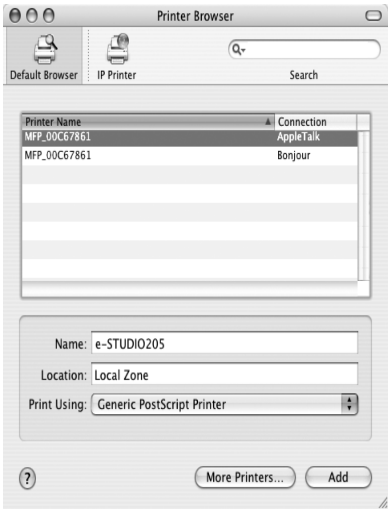

Printer Browser
Default Browser
IP Printer
Search

Printer Name	Connection
MFP_00C67861	AppleTalk
MFP_00C67861	Bonjour

Name:
Location:
Print Using: Please select a driver or printer model
?
More Printers...
Add

4 Select a printer name for AppleTalk/Bonjour in the “Printer Name” field.

When you select AppleTalk:


Printer Browser
Default Browser
IP Printer
Search
More Printers...
Add

Printer Name	Connection
MFP_00C67861	AppleTalk
MFP_00C67861	Bonjour

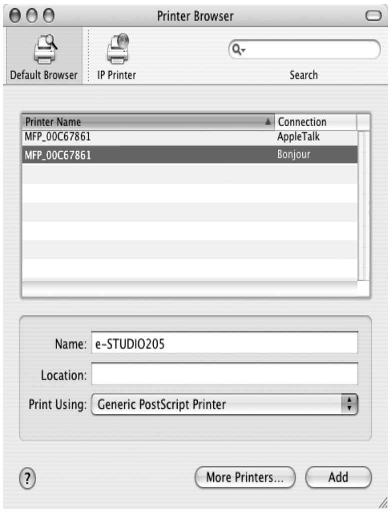
Name: e-STUDIO205
Location: Local Zone
Print Using: Generic PostScript Printer

Enter the name of this equipment in the “Name” field as required. (The content of the “Address” field automatically appears in this field.)
If you did not use the AppleTalk network zone for AppleTalk setting, “Local Zone” appears in the “Location” field.

Tip

If you used the AppleTalk network zone for AppleTalk setting, select a zone where this equipment is located in the “Location” drop down box.

When you select Bonjour:


Printer Browser
Default Browser
IP Printer
Search
More Printers...
Add

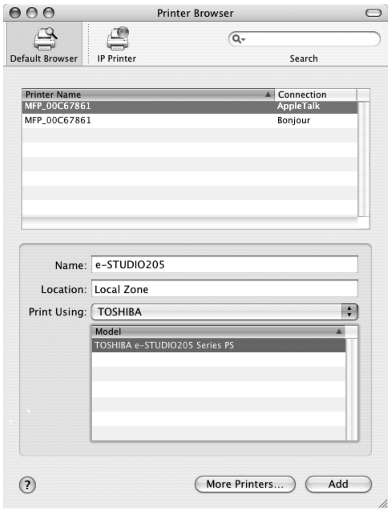
Printer Name	Connection
MFP_00C67861	AppleTalk
MFP_00C67861	Bonjour

Name: e-STUDIO205
Location:
Print Using: Generic PostScript Printer

Enter the name of this equipment in the “Name” field as required. (The content of the “Address” field automatically appears in this field.)

5 **Select “TOSHIBA” at the “Print Using” drop down box, and select the PPD file.**

Example of when you select AppleTalk:


Printer Browser
Default Browser
IP Printer
Search
More Printers...
Add

Printer Name	Connection
MFP_00C67861	AppleTalk
MFP_00C67861	Bonjour

Name: e-STUDIO205
Location: Local Zone
Print Using: TOSHIBA
Model: TOSHIBA e-STUDIO205 Series PS

6 **Click [Add].**

7 **Continue the procedure to configure the installable options.**

P.136 “Configuring the installable options”

8 **Click [Continue].**

The printer is added to the Printer List.

Configuring the installable options

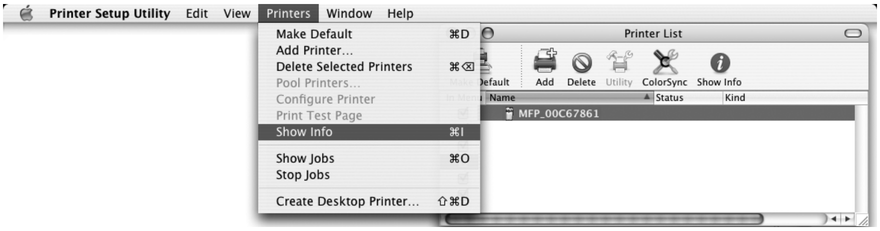
Users must configure the installable options before printing.

Note

Configure the installable options for each printing system.

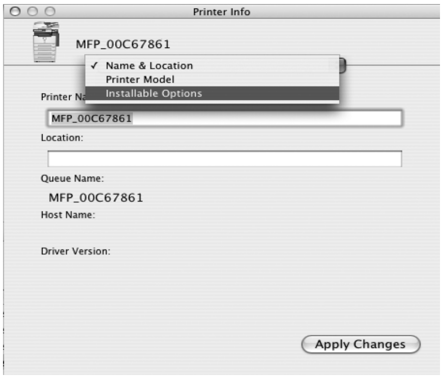
Configuring the installable options

1 **In the Printer List dialog box, select the printer and, then, select [Show Info] in the [Printers] menu.**


Printer Setup Utility
Edit
View
Printers
Window
Help
Make Default ⌘D
Add Printer...
Delete Selected Printers ⌘⌫
Pool Printers...
Configure Printer
Print Test Page
Show Info ⌘I
Show Jobs ⌘O
Stop Jobs
Create Desktop Printer... ⇧⌘D
Printer List
Default
Add
Delete
Utility
ColorSync
Show Info
Name
Status
Kind
MFP_00C67861

The Printer Info dialog box appears.

2 Select “Installable Options” in the drop down menu.


Printer Info
✓ Name & Location
Printer Model
Installable Options
Apply Changes

MFP_00C67861

Printer Na

MFP_00C67861

Location:

Queue Name:

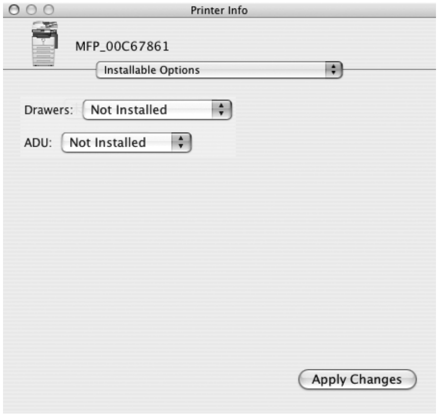
MFP_00C67861

Host Name:

Driver Version:

The Installable Options window is displayed.

3 Set the following options.


Printer Info
Installable Options
Apply Changes

MFP_00C67861

Drawers: Not Installed

ADU: Not Installed

- **Drawers**
  Not Installed – Select this when no optional paper feed unit is installed.
  Drawer 2 – Select this when only the Paper Feed Unit (optional) is installed.
  Drawer 2 & 3 – Select this when the Paper Feed Unit (optional) and Paper Feed Pedestal (optional, its upper Drawer only) are installed.
  Drawer 2, 3 & 4 – Select this when the Paper Feed Unit (optional) and Paper Feed Pedestal (optional, both of its upper and lower Drawers) are installed.
- **ADU**
  Not Installed – Select this when the Automatic Duplexing Unit (optional) is not installed.
  Installed – Select this when the Automatic Duplexing Unit (optional) is installed.

4 Click [Apply Changes] and close the window.

Installing Client Software for UNIX

Please refer to following instructions for configuring printing systems on UNIX workstations.
To setup the printing system on UNIX workstation, you can use CUPS.

Installation procedure list for UNIX client software

The following table shows the procedure list to install CUPS printer drivers.

Printing	Refer to
LPR printing	🕮 P.139 “Installing the CUPS for LPR printing”
IPP printing	🕮 P.142 “Installing the CUPS for IPP printing”

Setting up the CUPS

When you want to configure the UNIX printing using CUPS, you can use LPR printing or IPP printing.

About CUPS

This section describes the behavior, options, and installation method of the CUPS printer driver for the equipment. The behavior of the printer driver presented in this specification is consistent with CUPS v1.1.15. The driver may appear and/or operate slightly differently in the different versions.

In reality, the file supplied in this package is not really a printer driver it is actually a PostScript Printer Description (PPD) file.

System requirements

Operating systems that support CUPS.

Implementation method

This driver consists of a PPD file that works in conjunction with an interface like XPP, KPrinter, etc. It can also be used on OSX in the same way that it is used on Linux, but this is not recommended.

Supplied components

There is one supplied component, a PPD file called “TOSHIBA_EST205_CUPS.gz”. It has been compressed using gzip. It does not need to be uncompressed for Linux to use the PPD file and so it should be left compressed.

The user needs root privileges to place the PPD file in the default location. The default location for the standard CUPS PPD files is:
/usr/share/cups/model/Toshiba

Configuring UNIX printing using CUPS

You can configure the CUPS for LPR printing or IPP printing.

— Installing the CUPS for LPR printing

The PPD must first be copied onto the local machine, the printer installed, and then the PPD configured. The printer is then installed and configured using CUPS via the browser.

Installing the CUPS for LPR printing

1 **Insert the Client Utilities CD-ROM into the CD-ROM drive.**

2 **Log on to the root account and create “Toshiba” directory in the “/usr/share/cups/model” directory.**

3 **Copy the GZIP file into the “/usr/share/cups/model/Toshiba” directory or enter the following command:**

```
cp TOSHIBA_EST205_CUPS.gz /usr/share/cups/model/Toshiba
```

A GZIP file is included in the “Admin/CUPS/ENG” folder in the CD-ROM.

4 **Enter the following command:**

```
service lpd stop
service cups stop
```

Note

If lpd is already stopped, “Failed” will be displayed.

- When using the Red Hat Linux, continue to the next step.
- When using other than the Red Hat Linux, skip to step 10.

5 **When using the Red Hat Linux, enter the following command:**

```
/usr/bin/redhat-switch-printer
```

The redhat-switch-printer dialog box appears.

6 **Select “CUPS” and click [OK].**
The information dialog box appears.

7 **Click [OK].**

8 **Enter the following command:**

```
service cups start
```

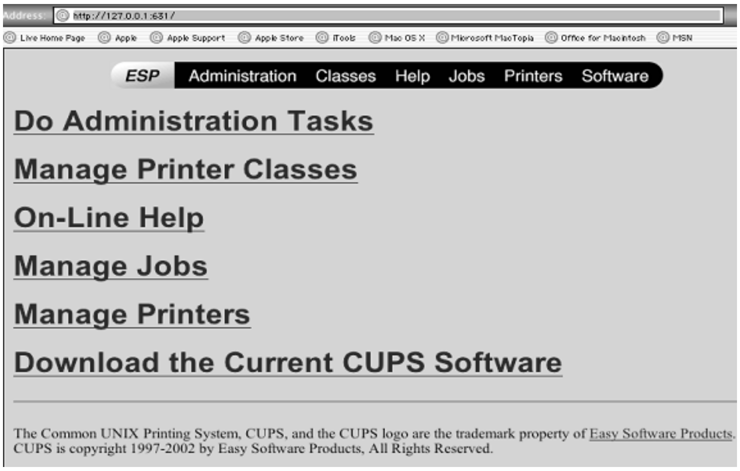
9 **Enter the following command:**

```
/usr/bin/cupsconfig
```

The Common UNIX Printing System page appears. Skip to step 11.

10 **Open the browser and locate CUPS by typing “http://localhost:631/” in the address field.**
The Common UNIX Printing System page appears.

11 Click the “Manage Printers” link.


Address
http://127.0.0.1:631/
Live Home Page
Apple
Apple Support
Apple Store
iTools
Mac OS X
Microsoft MacTopia
Office for Macintosh
MSN
ESP
Administration
Classes
Help
Jobs
Printers
Software

Do Administration Tasks

Manage Printer Classes

On-Line Help

Manage Jobs

Manage Printers

Download the Current CUPS Software

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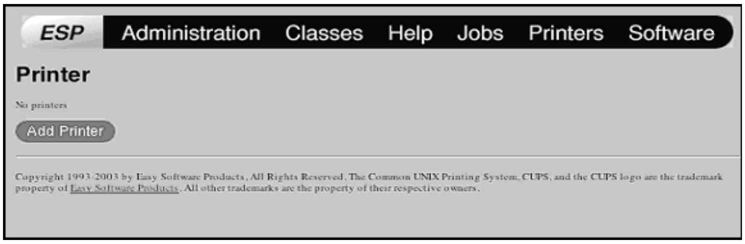
The Printer page is displayed.

12 Click [Add Printer].


ESP
Administration
Classes
Help
Jobs
Printers
Software
Add Printer

Printer

No printers

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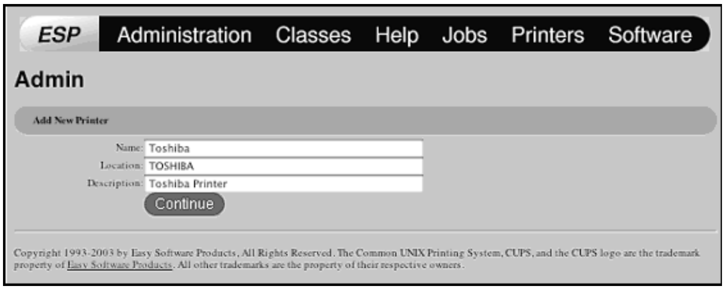
The Admin page is displayed.

13 Enter the printer name, location, and description of the printer in each field and click [Continue].


ESP
Administration
Classes
Help
Jobs
Printers
Software
Continue

Admin

Add New Printer

Name: Toshiba
Location: TOSHIBA
Description: Toshiba Printer

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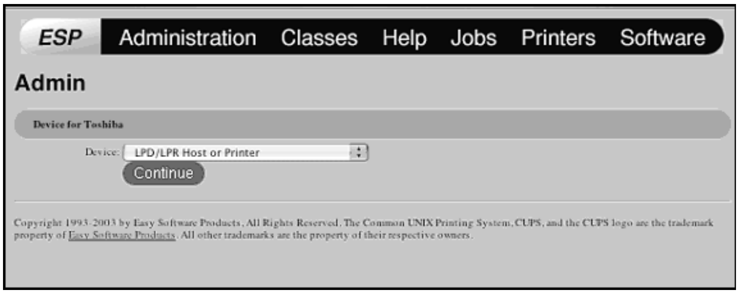
Note

If a new printer name is a duplicate of a name already in the printer list, the new printer will replace the original printer.

14 Select “LPD/LPR Host or Printer” at the “Device” drop down box and click [Continue].


ESP
Administration
Classes
Help
Jobs
Printers
Software
Admin
Device for Toshiba
Continue

Device: LPD/LPR Host or Printer

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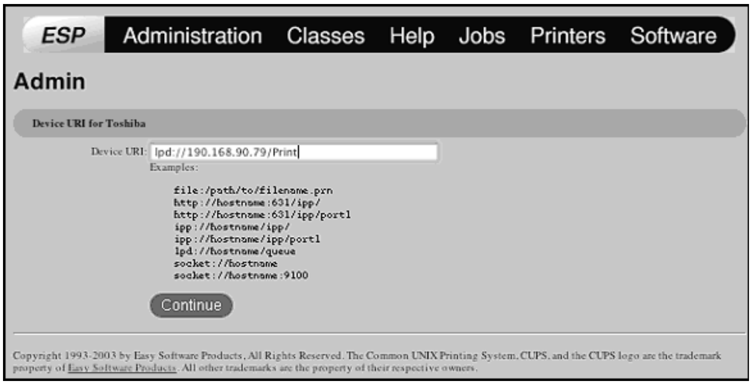
15 Enter “lpd://<IP address>/Print” in the “Device URL” field and click [Continue].


ESP
Administration
Classes
Help
Jobs
Printers
Software
Admin
Device URI for Toshiba
Continue

Device URI: lpd://190.168.90.79/Print

Examples:

```
file:/path/to/filename.prn
http://hostname:631/ipp/
http://hostname:631/ipp/port1
ipp://hostname/ipp/
ipp://hostname/ipp/port1
lpd://hostname/queue
socket://hostname
socket://hostname:9100
```

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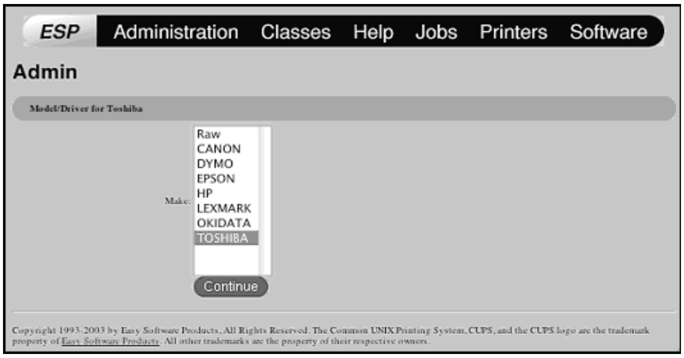
Note

Make sure to capitalize the “P” in “Print” for the device URI.

16 Select “TOSHIBA” at the “Make” list and click [Continue].


ESP
Administration
Classes
Help
Jobs
Printers
Software
Admin
Model/Driver for Toshiba
Make:
Raw
CANON
DYMO
EPSON
HP
LEXMARK
OKIDATA
TOSHIBA
Continue

Make: TOSHIBA

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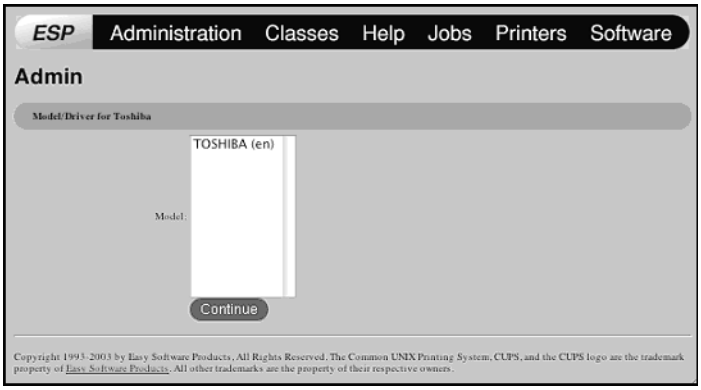
Note

If you do not see “TOSHIBA” in the “Make” list, restart CUPS.

17 Select the PPD in the “Model” list and click [Continue].


ESP
Administration
Classes
Help
Jobs
Printers
Software
Admin
Model/Driver for Toshiba
Model:
TOSHIBA (en)
Continue

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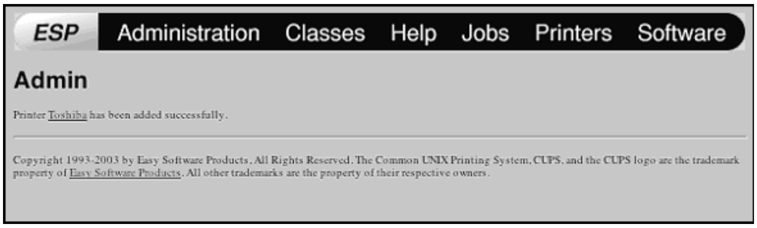
18 Confirm that the message notifying that the new printer has been properly added appears.


ESP
Administration
Classes
Help
Jobs
Printers
Software
Admin

Printer Toshiba has been added successfully.

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19 Go to the following page for configuring the print options:

📖 P.144 “Configuring print options”

— Installing the CUPS for IPP printing

When you want to setup IPP print queue in the Linux OS, follow the procedures here.

Add IPP printer

IPP printing from Linux OS is done from the CUPS server as a backend.

1 Insert the Client Utilities CD-ROM into the CD-ROM drive.

2 Log on to the root account and create “Toshiba” directory in the “/usr/share/cups/model” directory.

3 Copy the GZIP file into the “/usr/share/cups/model/Toshiba” directory or enter the following command:

```
cp TOSHIBA_EST205_CUPS.gz /usr/share/cups/model/Toshiba
```

A GZIP file is included in the “Admin/CUPS/ENG” folder in the CD-ROM.

4 Enter the following command:

```
service lpd stop
service cups stop
```

Note

If lpd is already stopped, “Failed” will be displayed.

- When using the Red Hat Linux, continue to the next step.
- When using other than the Red Hat Linux, skip to step 10.

5 When using the Red Hat Linux, enter the following command:

```
/usr/bin/redhat-switch-printer
```

The redhat-switch-printer dialog box appears.

6 Select “CUPS” and click [OK].

The information dialog box appears.

7 Click [OK].

8 Enter the following command:

```
service cups start
```

9 Enter the following command:

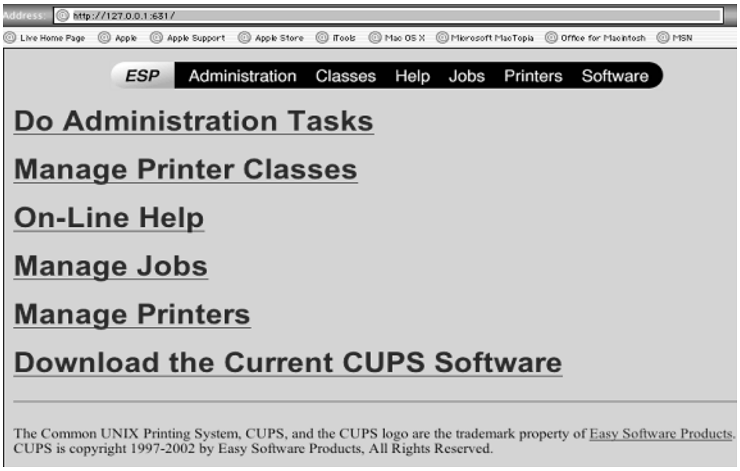
```
/usr/bin/cupsconfig
```

The Common UNIX Printing System page appears. Skip to step 11.

10 Open the browser and locate CUPS by typing “http://localhost:631/” in the address field.

The Common UNIX Printing System page appears.

11 Click the “Manage Printers” link.


Address: http://127.0.0.1:631/
Live Home Page
Apple
Apple Support
Apple Store
iTools
Mac OS X
Microsoft MacTopia
Office for Macintosh
MSN
ESP
Administration
Classes
Help
Jobs
Printers
Software
Do Administration Tasks
Manage Printer Classes
On-Line Help
Manage Jobs
Manage Printers
Download the Current CUPS Software

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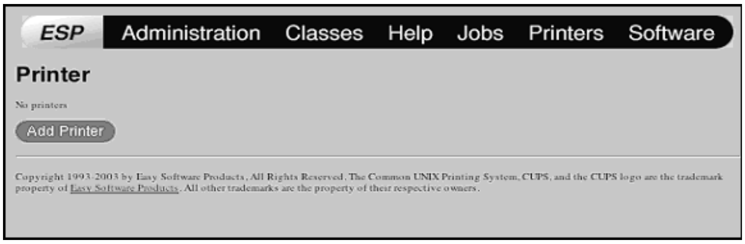
The Printer page is displayed.

12 Add a new https printer by clicking [Add Printer].


ESP
Administration
Classes
Help
Jobs
Printers
Software
Add Printer

Printer

No printers

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Configure the parameters as:
Name: <Any Name>
Location: <Optional>
Description: <Optional>
Device: Internet Printing Protocol (http)
Device URL: http://<IP address>:631/Print
Model/Driver: TOSHIBA

13 Confirm that the message notifying that the new printer has been properly added appears.

14 Go to the following page for configuring the print options:

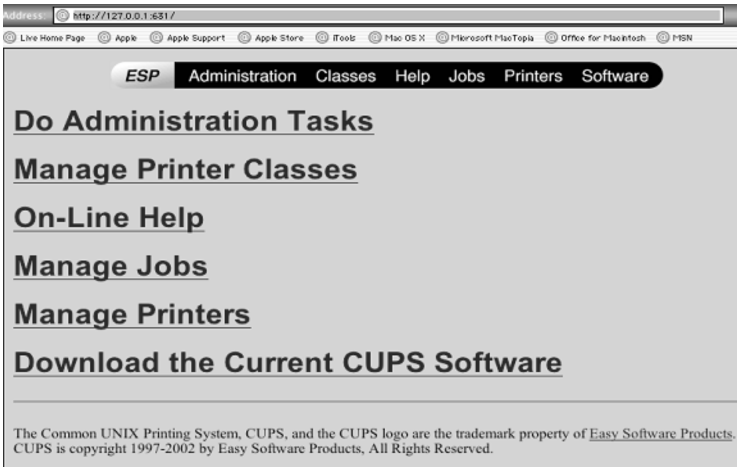
📖 P.144 "Configuring print options"

— Configuring print options

You can set the print options that applied for the print jobs using CUPS.

Print option configuration

1 Click the "Manage Printers" link in the startup page.


Address:
http://127.0.0.1:631/
Live Home Page
Apple
Apple Support
Apple Store
iTools
Mac OS X
Microsoft MacTopia
Office for Macintosh
MSN
ESP
Administration
Classes
Help
Jobs
Printers
Software

Do Administration Tasks

Manage Printer Classes

On-Line Help

Manage Jobs

Manage Printers

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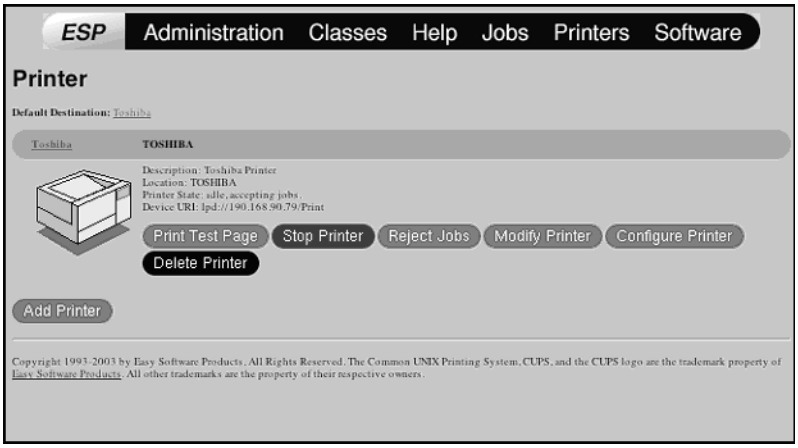
The Printer page is displayed.

2 **Select this equipment and then click [Configure Printer].**


ESP
Administration
Classes
Help
Jobs
Printers
Software
Print Test Page
Stop Printer
Reject Jobs
Modify Printer
Configure Printer
Delete Printer
Add Printer

Printer

Default Destination: Toshiba

Toshiba **TOSHIBA**

Description: Toshiba Printer
Location: TOSHIBA
Printer State: idle, accepting jobs.
Device URI: lpd://190.168.90.79/Print

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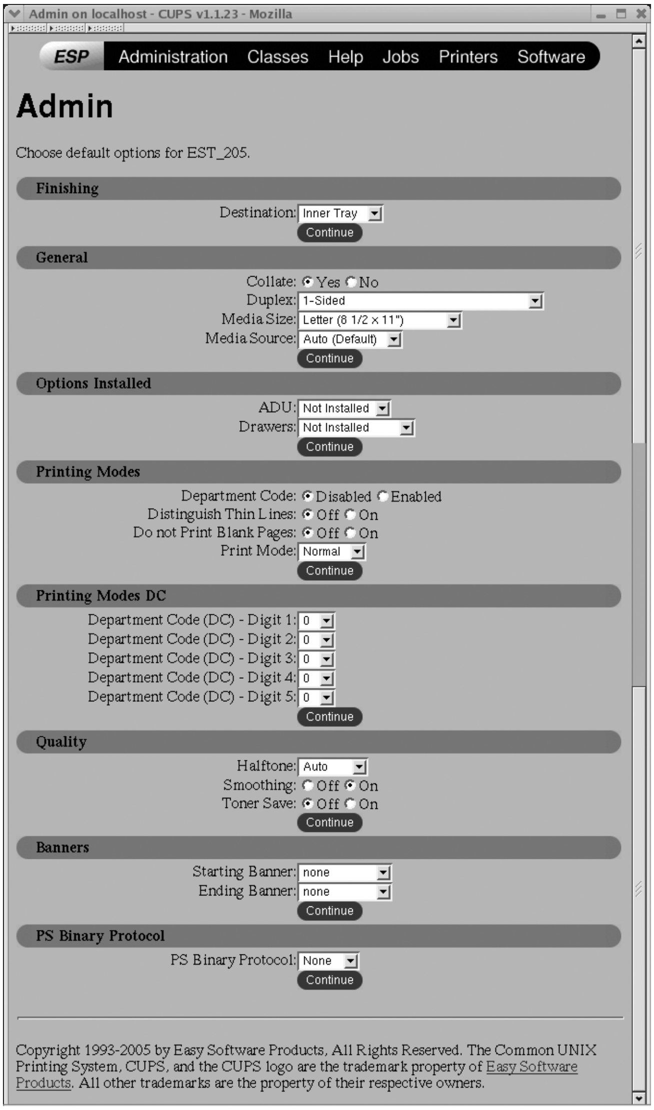
3 Configure the print options on the displayed page.

For each print option, refer to the following page:
📖 P.218 “Printing from application on Mac OS X 10.2.4 to Mac OS X 10.4.x”

Notes

- The screens are displayed in English.
- The underscored items are set by default.
- The options for this equipment are shown below.
  ADU (Automatic Duplexing Unit), Drawer 2 (Paper Feed Unit), Drawer 3 (Paper Feed Pedestal upper drawer), Drawer 4 (Paper Feed Pedestal lower drawer)



Admin

Choose default options for EST_205.

Finishing

Destination: Inner Tray
Continue

General

Collate: ● Yes ○ No
Duplex: 1-Sided
Media Size: Letter (8 1/2 x 11")
Media Source: Auto (Default)
Continue

Options Installed

ADU: Not Installed
Drawers: Not Installed
Continue

Printing Modes

Department Code: ● Disabled ○ Enabled
Distinguish Thin Lines: ● Off ○ On
Do not Print Blank Pages: ● Off ○ On
Print Mode: Normal
Continue

Printing Modes DC

Department Code (DC) - Digit 1: 0
Department Code (DC) - Digit 2: 0
Department Code (DC) - Digit 3: 0
Department Code (DC) - Digit 4: 0
Department Code (DC) - Digit 5: 0
Continue

Quality

Halftone: Auto
Smoothing: ○ Off ● On
Toner Save: ● Off ○ On
Continue

Banners

Starting Banner: none
Ending Banner: none
Continue

PS Binary Protocol

PS Binary Protocol: None
Continue

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Finishing

Option Value	Alternative Value	Description
Destination	Inner Tray	The paper exit tray of this equipment (no other trays are selectable)
[Continue] button	-	

General

Option Value	Alternative Value	Description
Collate	Yes, No	Selects whether exited sheets are collated or not.
Duplex	1-Sided	1-sided printing
	2-Sided, No Tumble (Long-Edge Binding)	2-sided printing (Long-edge binding)
	2-Sided, Tumble (Short-Edge Binding)	2-sided printing (Short-edge binding)
Media Size	A3, A4, A5, B4, B5, Ledger, Legal, Letter, Statement, Folio, Computer, 13” LG, 8K, 16K	Selects the paper size.
Media Source	Auto (Default) Drawer 1 Drawer 2 Drawer 3 Drawer 4 Bypass Tray Plain Thick 1 Thick 2 Transparency	Selects the paper source or the media type. Paper source: Drawer 1 (Standard drawer), Drawer 2 (Paper Feed Unit), Drawer 3 (Paper Feed Pedestal upper drawer) or Drawer 4 (Paper Feed Pedestal lower drawer) Media type: Plain paper, thick paper 1, thick paper 2 or overhead transparencies
[Continue] button	Determines the selected items.	

Options Installed

Option Value	Alternative Value	Description
ADU	Not Installed Installed	Selects whether the ADU is installed or not.
Drawers	Not Installed Drawer 2 Drawer 2 & 3 Drawer 2, 3 & 4	Selects the combination among Drawer 2 (Paper Feed Unit), Drawer 3 (Paper Feed Pedestal upper drawer) and Drawer 4 (Paper Feed Pedestal lower drawer).
[Continue] button	Determines the selected items.	

Printing Modes

Option Value	Alternative Value	Description
Department Code	Disabled Enabled	Selects whether to use the department codes for printing or not. When this equipment is managed under the department codes, this option should be enabled.
Distinguish Thin Lines	Off, On	Selects whether to distinguish thin lines or not.
Do not Print Blank Pages	Off, On	Selects whether to print blank pages or not.
Print Mode	Normal	Normal print mode (no other modes are selectable)
[Continue] button	Determines the selected items.	

Printing Modes DC

Option Value	Alternative Value	Description
Department Code (DC) – Digit 1 to Digit 5	0 to 9	Specify the 5-digit department code when “Department Code” of “Printing Modes” is enabled. For the appropriate department code, check with your system administrator.
[Continue] button	Determines the selected items.	

Quality

Option Value	Alternative Value	Description
Halftone	Auto Detail Smooth	Selects the appropriate processing on halftone images among “Auto”, “Detail (high density)” and “Smooth (smooth tone reproduction)”.
Smoothing	Off, On	Selects whether text and graphics are printed in a smooth contour or not.
Toner Save	Off, On	Selects whether to print with less toner or not.
[Continue] button	Determines the selected items.	

Banners

Option Value	Alternative Value	Description
Starting Banner	none	Selects whether banner pages are printed before printing documents or not. If they are, select among the items below.
	classified	Classified information
	confidential	Confidential information
	secret	Secret information
	standard	Standard information
	topsecret	Top secret
	unclassified	Unclassified information
Ending Banner	none	Selects whether banner pages are printed after printing documents or not. If they are, select among the items below.
	classified	Classified information
	confidential	Confidential information
	secret	Secret information
	standard	Standard information
	topsecret	Top secret
	unclassified	Unclassified information
[Continue] button	Determines the selected items.	

PS Binary Protocol

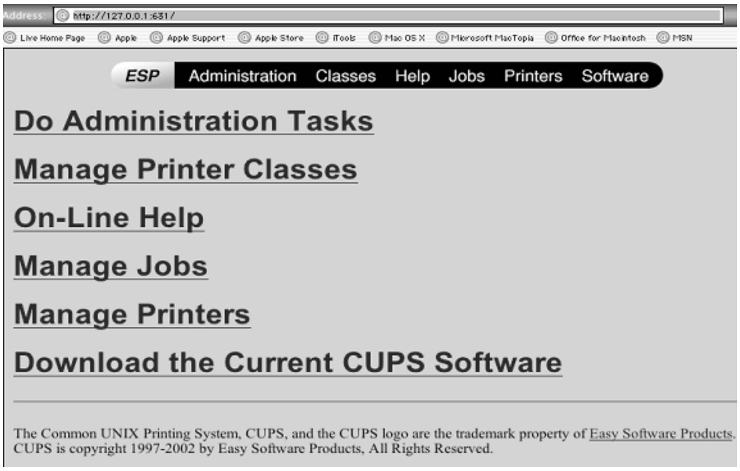
Option Value	Alternative Value	Description
PS Binary Protocol	None, TBCP	Selects whether print data are processed in a binary format using PostScript and printed using TBCP protocol or not.
[Continue] button	Determines the selected items.	

— Modifying printer

You can change the location and description of the printer.

Modifying printer

1 **Click the “Manage Printers” link in the startup page.**


Address: http://127.0.0.1:631/
Live Home Page
Apple
Apple Support
Apple Store
iTools
Mac OS X
Microsoft MacTopia
Office for Macintosh
MSN
ESP
Administration
Classes
Help
Jobs
Printers
Software
Do Administration Tasks
Manage Printer Classes
On-Line Help
Manage Jobs
Manage Printers
Download the Current CUPS Software

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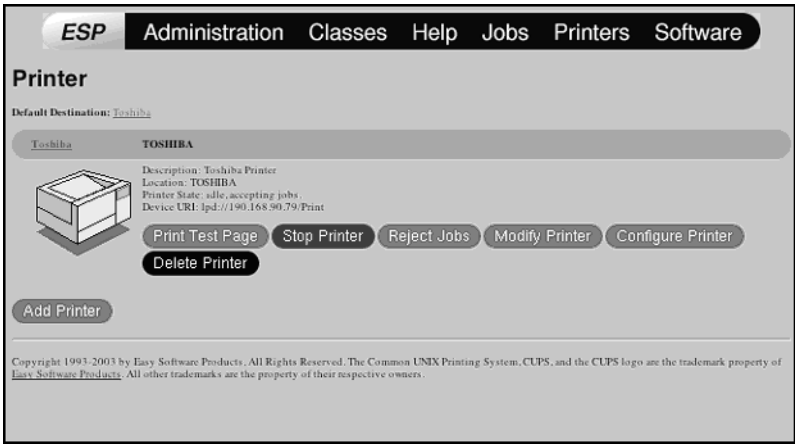
The Printer page is displayed.

2 **Select this equipment and then click [Modify Printer].**


ESP
Administration
Classes
Help
Jobs
Printers
Software
Printer
Toshiba
TOSHIBA
Print Test Page
Stop Printer
Reject Jobs
Modify Printer
Configure Printer
Delete Printer
Add Printer

Default Destination: Toshiba

Description: Toshiba Printer
Location: TOSHIBA
Printer State: idle, accepting jobs.
Device URI: lpd://190.168.90.79/Print

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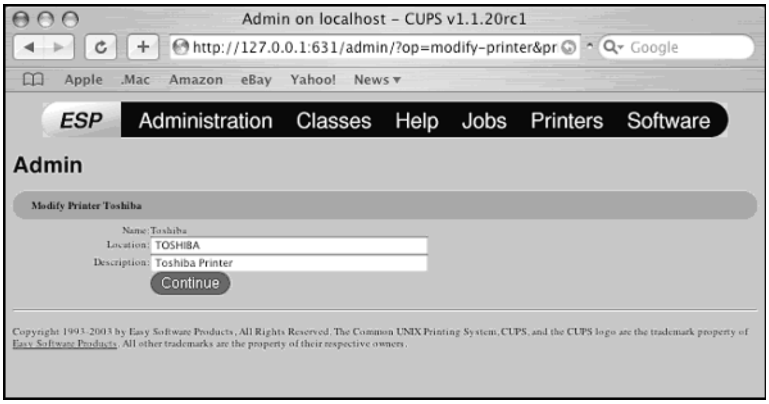
3 Modify the location and description in each field and click [Continue].


Admin on localhost – CUPS v1.1.20rc1
http://127.0.0.1:631/admin/?op=modify-printer&pr
Google
Apple
.Mac
Amazon
eBay
Yahoo!
News
ESP
Administration
Classes
Help
Jobs
Printers
Software
Admin
Modify Printer Toshiba
Continue

Name: Toshiba
Location: TOSHIBA
Description: Toshiba Printer

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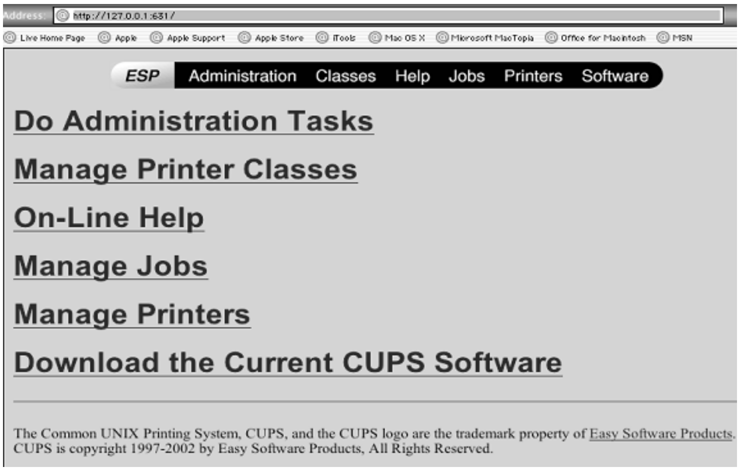
— Uninstalling printer

To uninstall the printer that you create, perform the following procedure.

Uninstalling printer

1 Click the “Manage Printers” link in the startup page.


Address:
http://127.0.0.1:631/
Live Home Page
Apple
Apple Support
Apple Store
iTools
Mac OS X
Microsoft MacTopia
Office for Macintosh
MSN
ESP
Administration
Classes
Help
Jobs
Printers
Software
Do Administration Tasks
Manage Printer Classes
On-Line Help
Manage Jobs
Manage Printers
Download the Current CUPS Software

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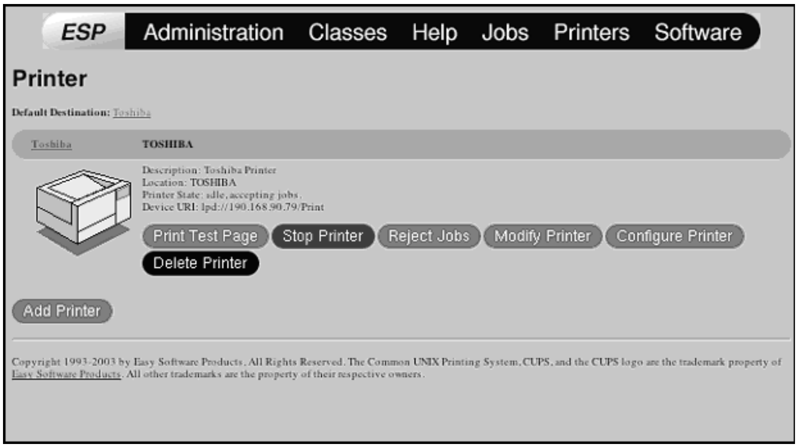
The Printer page is displayed.

2 Select this equipment and then click [Delete Printer].


ESP
Administration
Classes
Help
Jobs
Printers
Software
Print Test Page
Stop Printer
Reject Jobs
Modify Printer
Configure Printer
Delete Printer
Add Printer

Printer

Default Destination: Toshiba

Toshiba **TOSHIBA**

Description: Toshiba Printer
Location: TOSHIBA
Printer State: idle, accepting jobs.
Device URI: lpd://190.168.90.79/Print

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The printer is deleted.

3 Then delete the PPD file “TOSHIBA_EST205_CUPS.gz” from the “/usr/share/cups/model/Toshiba” directory.

3

PRINTING

This describes the instructions on how to print from client computer.

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Printing from Windows

This equipment supports printing from Windows applications using the PCL6 and PS3 printer drivers.
These printer drivers allow you to define such document properties as the orientation and print quality of your pages, and such complex finishing options as booklet layout and N-up printing.

Before using the printer driver

Before printing, you have to configure the following options:

- Configuration Settings
  You have to configure such options as the Paper Feed Unit or the Paper Feed Pedestal. The features of these options are not available unless you tell the system that they are installed.
- Department Code
  This system can manage jobs by department code. This feature lets you manage job counters for every department code. For example, a network administrator can check the number of copies printed from specific department member.
  If the Department Code is enabled, enter your Department Code provided by your administrator.

Configuring the options

After you complete the installation of the printer drivers, you should configure the option settings on the printer drivers.
There are two methods to configure the options;

- If this equipment and your computer are not connected in the TCP/IP network, you can configure the options manually.
  📖 P.155 “Configuring the options manually”
- If this equipment and your computer are connected in the TCP/IP network, you can configure the options automatically obtaining the settings using the SNMP Communication.
  📖 P.157 “Configuring the Options Automatically”

— Configuring the options manually

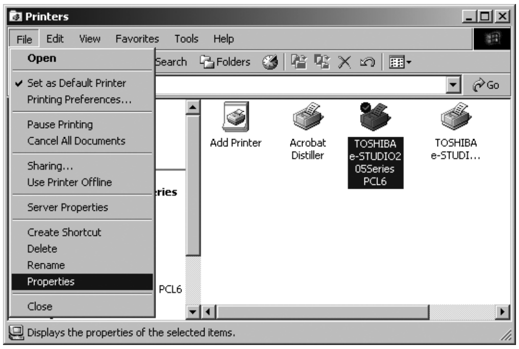
The following describes an instruction on Windows 2000. The procedure is the same when other versions of Windows are used.

Setting the configuration tab manually

Note

You must log into Windows as a user who has the “Administrators” or “Power Users” privilege when using Windows NT 4.0, Windows 2000, Windows XP, or Windows Server 2003.

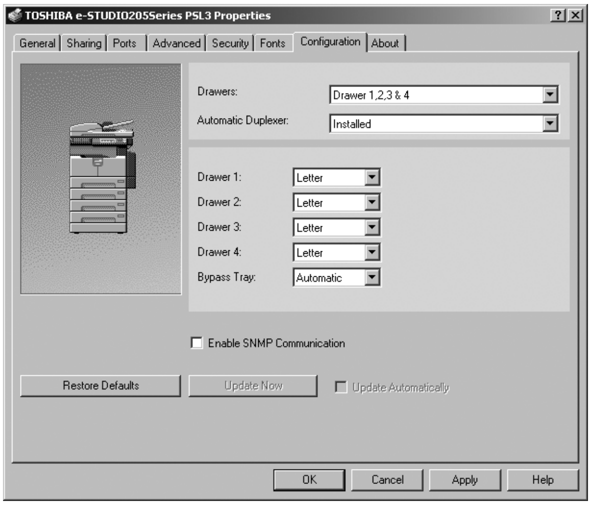
1 Select the printer driver in the Printers folder. Then click [File] and select [Properties].


Printers
File
Edit
View
Favorites
Tools
Help
Open
Set as Default Printer
Printing Preferences...
Pause Printing
Cancel All Documents
Sharing...
Use Printer Offline
Server Properties
Create Shortcut
Delete
Rename
Properties
Close
Search
Folders
Go
Add Printer
Acrobat Distiller
TOSHIBA e-STUDIO205Series PCL6
TOSHIBA e-STUDI...
PCL6

Displays the properties of the selected items.

- When you are operating under Windows XP/Server 2003, open the Printers and Faxes folder to access the printer driver.
- The printer driver properties dialog box appears.

2 Display the [Configuration] tab and set the following options.



Drawers: Drawer 1,2,3 & 4
Automatic Duplexer: Installed
Drawer 1: Letter
Drawer 2: Letter
Drawer 3: Letter
Drawer 4: Letter
Bypass Tray: Automatic
☐ Enable SNMP Communication
☐ Update Automatically

Drawers — This sets the Drawer configuration according to the Drawers installed.

- **Drawer 1**: 1st Drawer only
- **Drawer 1 & 2**: 1st Drawer and Paper Feed Unit (optional)
- **Drawer 1,2 & 3**: 1st Drawer, Paper Feed Unit (optional) and Paper Feed Pedestal (optional, its upper Drawer only)
- **Drawer 1,2,3 & 4**: 1st Drawer, Paper Feed Unit (optional) and Paper Feed Pedestal (optional, both of its upper and lower Drawers)

Automatic Duplexer
Select whether the Automatic Duplexer (optional) is installed or not.
None – Select this when the Automatic Duplexer is not installed.
Installed – Select this when the Automatic Duplexer is installed.

Drawer 1 — Select the size that is loaded in the 1st Drawer.
Drawer 2 — Select the size that is loaded in the 2nd Drawer (Paper Feed Unit (optional)) when it is installed.
Drawer 3 — Select the size that is loaded in the 3rd Drawer (the upper Drawer of Paper Feed Pedestal (optional)) when it is installed.
Drawer 4 — Select the size that is loaded in the 4th Drawer (the lower Drawer of Paper Feed Pedestal (optional)) when it is installed.
Bypass Tray — Set to “Automatic”. (Not selectable).

Tip

For more information about each item, see descriptions about the Configuration Tab.
📖 P.188 “Configuration tab”

3 Click [Apply] and [OK] to save settings.

— Configuring the Options Automatically

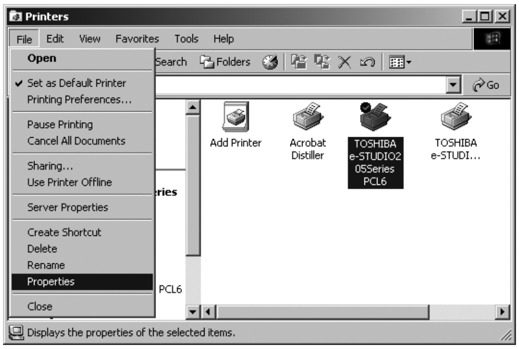
The following describes an instruction on Windows 2000. The procedure is the same when other versions of Windows are used.

Setting the configuration tab using SNMP communication

Note

You must log into Windows as a user who has the “Administrators” or “Power Users” privilege when using Windows NT 4.0, Windows 2000, Windows XP, or Windows Server 2003.

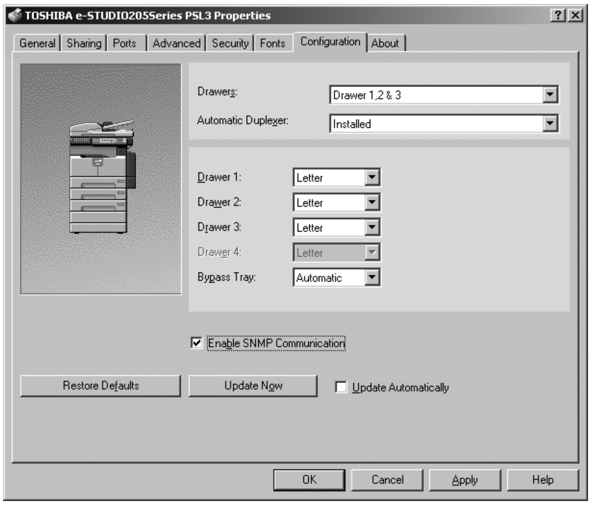
1. **Select the printer driver in the Printers folder. Then click [File] and select [Properties].**


Printers
File
Edit
View
Favorites
Tools
Help
Open
Set as Default Printer
Printing Preferences...
Pause Printing
Cancel All Documents
Sharing...
Use Printer Offline
Server Properties
Create Shortcut
Delete
Rename
Properties
Close
Search
Folders
Go
Add Printer
Acrobat Distiller
TOSHIBA e-STUDIO205Series PCL6
TOSHIBA e-STUDI...
PCL6

Displays the properties of the selected items.

- When you are operating under Windows XP/Server 2003, open the Printers and Faxes folder to access the printer driver.
- The printer driver properties dialog box appears.

2 Display the [Configuration] tab, check on “Enable SNMP Communication”, and click [Update Now].


TOSHIBA e-STUDIO205Series PSL3 Properties
General
Sharing
Ports
Advanced
Security
Fonts
Configuration
About
Restore Defaults
Update Now
OK
Cancel
Apply
Help

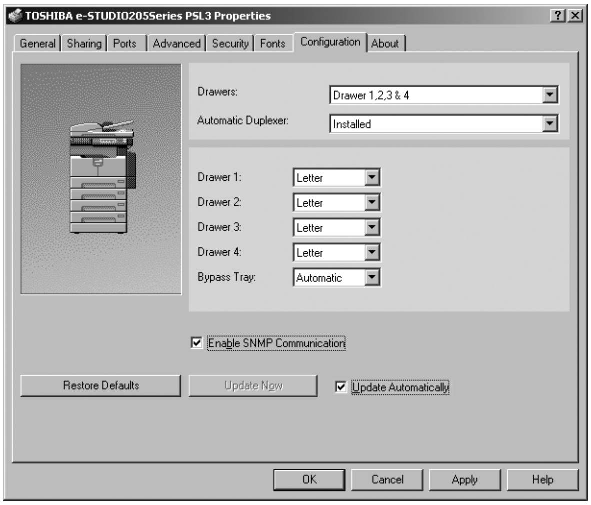
Drawers: Drawer 1,2 & 3
Automatic Duplexer: Installed
Drawer 1: Letter
Drawer 2: Letter
Drawer 3: Letter
Drawer 4: Letter
Bypass Tray: Automatic
☑ Enable SNMP Communication
☐ Update Automatically

The printer driver starts communicating with system and obtains option settings automatically.

Note

If the connection to the equipment has not been configured correctly, the SNMP communication fails and the option settings will not be updated.

3 If you want to update option settings automatically when the [Configuration] tab is opened, check on “Update Automatically”.


TOSHIBA e-STUDIO205Series PSL3 Properties
General
Sharing
Ports
Advanced
Security
Fonts
Configuration
About
Restore Defaults
Update Now
OK
Cancel
Apply
Help

Drawers: Drawer 1,2,3 & 4
Automatic Duplexer: Installed
Drawer 1: Letter
Drawer 2: Letter
Drawer 3: Letter
Drawer 4: Letter
Bypass Tray: Automatic
☑ Enable SNMP Communication
☑ Update Automatically

4 Click [Apply] and [OK] to save settings.

Tip

For more information about each item, see descriptions about the Configuration Tab.

Setting the department code

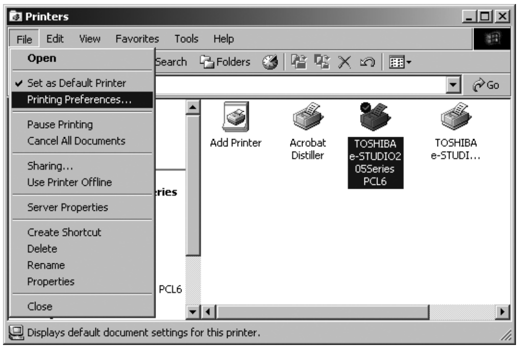
When this equipment is managed by department codes, you have to enter your department code on the printer driver.
This allows a network administrator to check the number of copies printed from specific department members.
Please ask your administrator whether or not you should enter the Department Code.

Tips

- When printing is made with an invalid department code, the job is deleted. (If the “Enable SNMP Communication” check box of the Configuration tab menu of the printer is checked, an error message appears before the job is deleted.)
- A department code can be entered every time you begin printing. If you have to use a different department code for each print job, enter it when you begin printing.

Entering department code

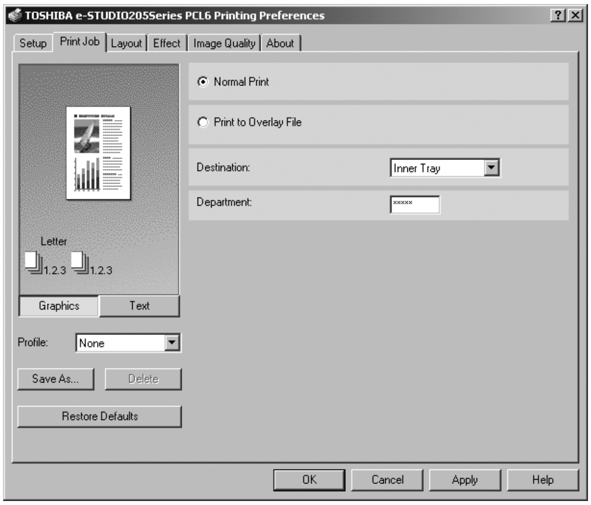
1 **Select the printer driver in the Printers folder. Then click [File] and select [Properties] (for Windows 98/Me), select [Document Defaults...] (for Windows NT 4.0), or [Printing Preferences...] (for Windows 2000/XP/Server 2003).**


Printers
File
Edit
View
Favorites
Tools
Help
Open
Set as Default Printer
Printing Preferences...
Pause Printing
Cancel All Documents
Sharing...
Use Printer Offline
Server Properties
Create Shortcut
Delete
Rename
Properties
Close
Search
Folders
Go
Add Printer
Acrobat Distiller
TOSHIBA e-STUDIO205Series PCL6
TOSHIBA e-STUDI...
ries
PCL6

Displays default document settings for this printer.

The printer driver properties dialog box appears.

2 **Display the [Print Job] tab and enter your department code in the “Department” field.**



TOSHIBA e-STUDIO205Series PCL6 Printing Preferences

● Normal Print

○ Print to Overlay File

Destination: Inner Tray

Department: *****

Profile: None

In the Department field, only numeric characters can be entered. The Department Code must be 5-digit number.

3 **Click [Apply] and [OK] to save settings.**

Copying the PPD file for Windows

The Client Utilities CD-ROM contains a printer description file for popular Windows applications. PageMaker 6.0, 6.5, and 7.0 do not support automatic installation of printer description files. To make printing available in the Print and Page Setup dialog boxes of this application, copy the printer description file to the appropriate location.

Copying the printer description file

1 **On the Client Utilities CD-ROM, open the folder that contains the PS3 printer driver.**

- For Windows 98/Me:
  [Client Utilities CD-ROM]:\9X_ME\PS\<language>\
- For Windows NT 4.0:
  [Client Utilities CD-ROM]:\NT\PS\<language>\
- For Windows 2000/XP/Server 2003:
  [Client Utilities CD-ROM]:\W2K_XP_2003\PS\<language>\

2 **Copy the printer description file (*.ppd) to the appropriate location.**

- For PageMaker 6.0:
  \PM6\RSRC\<language>\PPD4
- For PageMaker 6.5:
  \PM65\RSRC\<language>\PPD4
- For PageMaker 7.0:
  \Program Files\Adobe\PageMaker 7.0\Rsrc\<language>\PPD4

Printing from application

The following describes how to print from your application.
📖 P.161 “Considerations and limitations”
📖 P.161 “How to print”

Considerations and limitations

- Some options listed in the printer driver can also be set from an application (for example, collation). However, using collation in the application may cause problems. In that case, use the driver option to perform the function, rather than setting it from the application. But depending on the application, settings such as the orientation may need to be set in the application, or the printer driver, or both. The application may not set up the file properly for printing on this equipment and may also take longer to process. In order to print properly from the application that you are using, please see the section about printing in the application’s manual.
- When printing with the PS3 printer driver from Adobe Acrobat, the Fit to Paper enlargement feature does not work if the “Use PostScript Passthrough” option is enabled in the PostScript settings of the PS3 printer driver. To use the Fit to Paper enlargement feature, please disable the “Use PostScript Passthrough” option in the PostScript settings of the PS3 printer driver.
- When printing with the PS3 printer driver from the application that creates the PostScript code for printing such as Adobe Acrobat, the following print options may not work correctly. In that case, please disable the “Use PostScript Passthrough” option in the PostScript settings of the PS3 printer driver.
  - Manual Scale
  - Print Paper Size
  - Paper Type
  - User Front Cover
  - User Back Cover
  - Booklet
  - Multiple Pages per Sheet
  - All options in the Effect tab
  - All options in the Image Quality tab

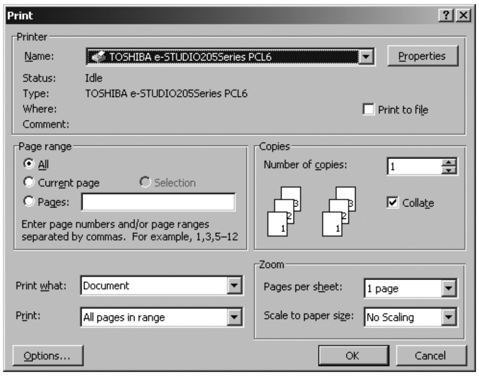
How to print

Once you have installed the printer driver and configured it properly, you can print directly from most Windows applications. Simply choose the Print command from within your application.
You can print using the various functions by setting print options on the printer driver.

Printing from Windows applications

1 Open a file and select [Print] from the [File] menu of the application.
The Print dialog box appears.

2 Select the printer driver of the equipment to be used and Click [Properties].


Print
Printer
Properties
Where:
Comment:
Page range
Current page
Selection
Pages:
Enter page numbers and/or page ranges separated by commas. For example, 1,3,5–12
Copies
Zoom
Options...
OK
Cancel

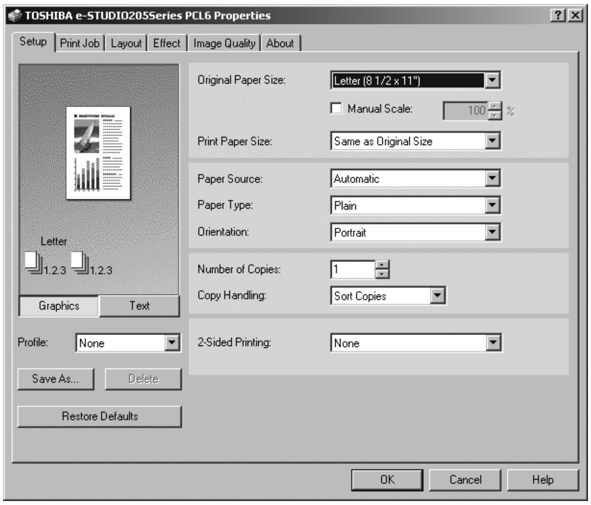
Name: TOSHIBA e-STUDIO205Series PCL6
Status: Idle
Type: TOSHIBA e-STUDIO205Series PCL6
☐ Print to file
● All
Number of copies: 1
☑ Collate
Print what: Document
Print: All pages in range
Pages per sheet: 1 page
Scale to paper size: No Scaling

The printer properties dialog box appears.

Tip

The procedures for displaying the properties dialog for the printer driver may be different depending on an application that you are using. See your application’s manual about displaying the printer properties dialog box.

3 Setting the Print Options for each tab according to how you want to print.

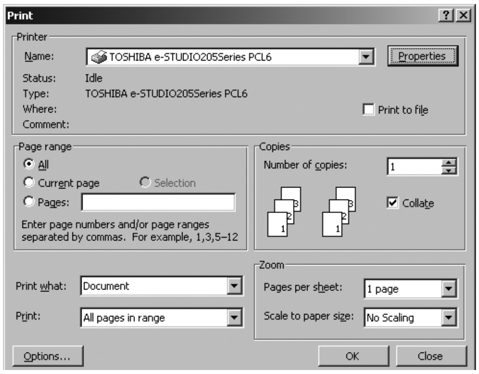

TOSHIBA e-STUDIO205Series PCL6 Properties
Setup
Print Job
Layout
Effect
Image Quality
About
Letter
1,2,3
1,2,3
Graphics
Text
Save As...
Delete
Restore Defaults
OK
Cancel
Help

Original Paper Size: Letter (8 1/2 x 11")
☐ Manual Scale: 100 %
Print Paper Size: Same as Original Size
Paper Source: Automatic
Paper Type: Plain
Orientation: Portrait
Number of Copies: 1
Copy Handling: Sort Copies
2-Sided Printing: None
Profile: None

- Setting the print options varies depending on how you want to print a document.
  📖 P.167 “Print options”
- You can also set the print options using setting profiles.
  📖 P.164 “Setting print options for each print job”

4 Click [OK] to save the settings.

5 **Click [OK] or [Print] to print a document.**



Name: TOSHIBA e-STUDIO205Series PCL6
Status: Idle
Type: TOSHIBA e-STUDIO205Series PCL6
Where:
Comment:
☐ Print to file

Page range
● All
○ Current page ○ Selection
○ Pages:
Enter page numbers and/or page ranges separated by commas. For example, 1,3,5–12

Copies
Number of copies: 1
☑ Collate

Print what: Document
Print: All pages in range

Zoom
Pages per sheet: 1 page
Scale to paper size: No Scaling

Setting up print options

Print Options are the attributes you set to define the way a print job is processed.

Tip

To find the printing instructions for your specific needs, refer to the procedures in the following section.
📖 P.190 “Printing with extended print functionality”

How to setup

There are several ways to set print options. Also, how the settings effect printing varies depending on the way you set the options. Also the tabs displayed vary depending on how you display the printer properties.

— Setting Initial values of print options

Setting the print options by displaying the printer properties from the Printers folder within the Windows Start menu will establish the initial values of the options. For example, the paper size setting you most commonly use, optional device settings, user information settings, etc., are settings you will not want to change every time you print. It is convenient to set these options as initial values.

Note

If you have install the printer driver by Point-and-Print on Windows 2000, Windows XP, or Windows Server 2003, please set the initial values of print options from the [Printing Default] button in the [Advanced] tab on the properties dialog box that can be displayed by selecting [Properties] in the [File] menu. The initial values cannot be set by the following method.

How to display:

1 **Click [Start], [Settings], and select [Printers] (for Windows 98/Me/NT 4.0/2000) or [Printers and Faxes] (for Windows XP/Server 2003).**

2. **Select the printer driver for the equipment, click the [File] menu and select [Properties] (for Windows 98/Me), [Document Defaults] (for Windows NT 4.0), or [Printing Preferences] (for Windows 2000/XP/Server 2003).**

— Setting print options for each print job

Setting the print options by displaying the printer properties from the Print dialog box within an application will establish the values for the current print job. The print option settings specific to each print job are set using this method.

How to display:

1. **Click the [File] menu and select [Print] on an application.**
2. **Select the printer driver of the equipment to be used and Click [Properties].**

— Setting print options using profiles

Print option settings can be saved so you can easily load specifically configured settings for a particular job.
In order to print a document using profiles, you should create the saved profile first.
📖 P.165 “Saving profile”
Once you save profile, you can load the settings for a particular job to print a document.
📖 P.166 “Loading profile”
You can also delete the profile that you no longer require.
📖 P.166 “Deleting profile”

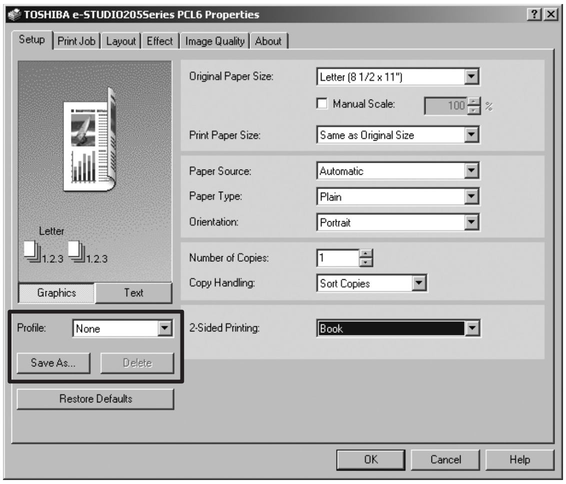
Saving profile

You can create up to 20 profiles for a printer driver.

1 **Configure the print options on each tab.**

Setting the print options varies depending on how you want to print a document.
📖 P.167 “Print options”

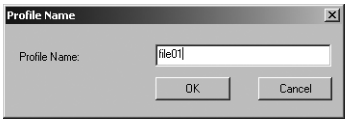
2 **Click [Save As...] at the Profile group.**


TOSHIBA e-STUDIO205Series PCL6 Properties
Setup
Print Job
Layout
Effect
Image Quality
About
Letter
1.2.3
1.2.3
Graphics
Text
Save As...
Delete
Restore Defaults
OK
Cancel
Help

Original Paper Size: Letter (8 1/2 x 11")
☐ Manual Scale: 100 %
Print Paper Size: Same as Original Size
Paper Source: Automatic
Paper Type: Plain
Orientation: Portrait
Number of Copies: 1
Copy Handling: Sort Copies
2-Sided Printing: Book
Profile: None

The Profile Name dialog box appears.

3 **Enter the profile name and click [OK].**


Profile Name
OK
Cancel

Profile Name: file01

The file name can be up to 63 characters long.

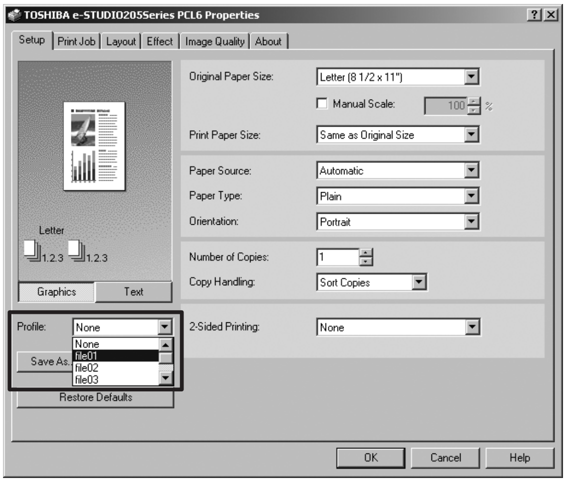
Tip

If you enter the existing profile name, it prompts whether overwrite the existing profile or not. If you want to overwrite the existing profile, click [OK].

4 **The setting profile is saved.**

Loading profile

1 Select a profile in the “Profile” drop down box.


TOSHIBA e-STUDIO205Series PCL6 Properties
Setup
Print Job
Layout
Effect
Image Quality
About
Letter
1.2.3
1.2.3
Graphics
Text
Save As...
Restore Defaults
OK
Cancel
Help

Original Paper Size: Letter (8 1/2 x 11")

☐ Manual Scale: 100 %

Print Paper Size: Same as Original Size

Paper Source: Automatic

Paper Type: Plain

Orientation: Portrait

Number of Copies: 1

Copy Handling: Sort Copies

Profile: None
- None
- file01
- file02
- file03

2-Sided Printing: None

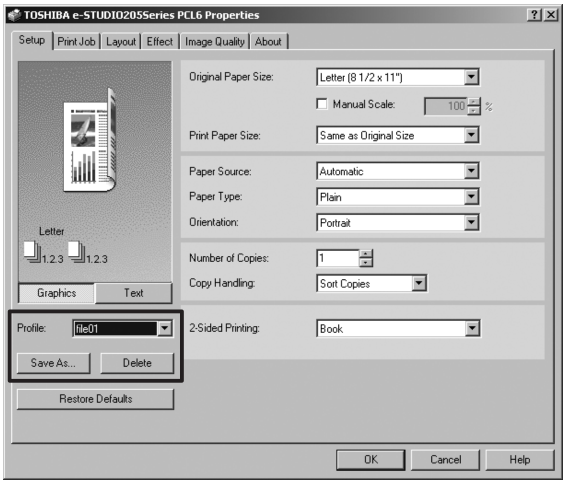
The settings profile is loaded from the file and apply to the printer options.

Note

Selecting “None” in the “Profile” drop down box cannot restore the initial settings on the printer driver. To restore the initial settings after selecting a profile, click [Restore Defaults].

Deleting profile

1 Select a profile that you want to delete in the “Profile” drop down box, and click [Delete].


TOSHIBA e-STUDIO205Series PCL6 Properties
Setup
Print Job
Layout
Effect
Image Quality
About
Letter
1.2.3
1.2.3
Graphics
Text
Save As...
Delete
Restore Defaults
OK
Cancel
Help

Original Paper Size: Letter (8 1/2 x 11")

☐ Manual Scale: 100 %

Print Paper Size: Same as Original Size

Paper Source: Automatic

Paper Type: Plain

Orientation: Portrait

Number of Copies: 1

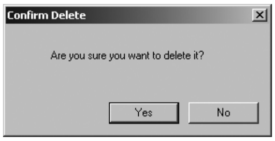
Copy Handling: Sort Copies

Profile: file01

2-Sided Printing: Book

The Confirm Profile Delete dialog box appears.

2 Click [Yes] to delete the selected profile.

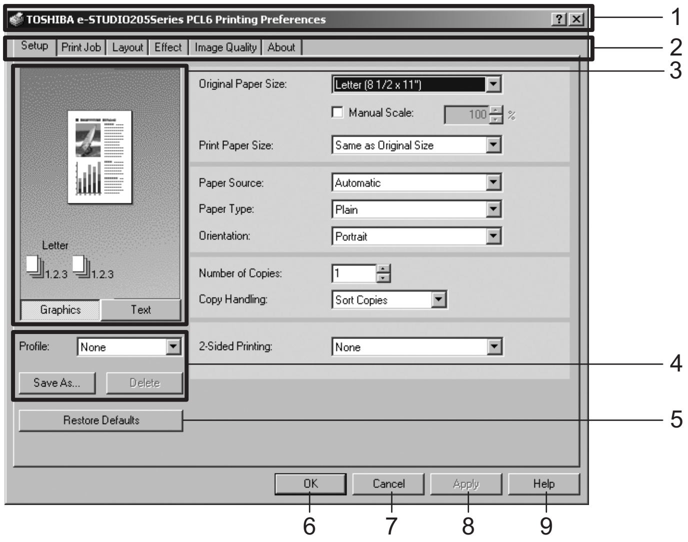


Confirm Delete

Are you sure you want to delete it?

Print options

This section describes print options in each tab of the printer driver. This section will help you to find the description of specific print options, or understand the functions for each print option. The following example screen is displayed when you select [File] and then [Printing Preferences...] in the Printers folder.



TOSHIBA e-STUDIO205Series PCL6 Printing Preferences

Original Paper Size: Letter (8 1/2 x 11")

☐ Manual Scale: 100 %

Print Paper Size: Same as Original Size

Paper Source: Automatic

Paper Type: Plain

Orientation: Portrait

Number of Copies: 1

Copy Handling: Sort Copies

2-Sided Printing: None

Profile: None

1) **Printer name**
Displays the name given to the printer driver when it was installed, or the name it displays on the icon in the Printer folder.

2) **Menu tabs**
The menu items of the printer driver are displayed as tabs. Clicking on a tab will display the contents of the selected tab. The tabs displayed vary depending on the way the print properties are displayed.

- **Setup tab**
  The Setup tab contains basic print operation settings, such as original paper size, print paper size, paper source, paper type, orientation, number of copies, and so on. Also this tab allows you to enable enlarge/reduce printing, sort printing, and 2-sided printing.
  📖 P.169 “Setup tab”
- **Print Job tab**
  The Print Job tab contains settings of how this equipment handles each print job. This tab also allows you to store the data as overlay images.
  📖 P.172 “Print Job tab”

- **Layout tab**
  The Layout Tab contains finishing options such as Cover page printing, Booklet printing, and N-up printing.
  📖 P.173 “Layout tab - Standard window”
  📖 P.176 “Layout tab - Booklet window”
  📖 P.178 “Layout tab - Multiple Pages per Sheet window”
- **Effect tab**
  The Effect Tab contains print options that add the effects to your print jobs such as Watermarks, Overlay Image printing, Rotate printing, Mirror printing, and Negative printing. Also it allows to enable Toner Save and Smoothing functions.
  📖 P.180 “Effect tab”
- **Image Quality tab**
  The Image Quality Tab allows you to select how images are printed. You can easily select appropriate image quality depending on the type of job being printed.
  📖 P.185 “Image Quality tab”
- **Fonts tab**
  The Fonts Tab allows you to select how the TrueType fonts are printed. This tab is only displayed when the printer properties are accessed from the Printers folder.
  📖 P.187 “Fonts tab”
- **Configuration tab**
  The Configuration Tab allows you to configure the options. When any optional unit is installed in this equipment, set the configuration of the machine on this tab. This tab is only displayed when the printer properties are accessed from the Printers folder.
  📖 P.188 “Configuration tab”
- **About tab**
  The About Tab contains the version information of the printer driver.
  📖 P.189 “About tab”

3) **Preview window**
   In the Preview windows, you can check the current settings in the printer driver. You can change view type by clicking [Graphic] to display the print options settings graphically or [Text] to display the print options settings as a texts.

4) **Profile**
   Print option settings can be saved on your hard disk. You can save print option settings by clicking [Save As...] and easily load a setting file by selecting a profile name in the drop down box.
   📖 P.164 “Setting print options using profiles”

5) **[Restore Defaults]**
   Click this to restore the settings to the original factory defaults.

6) **[OK]**
   Click this to enter the input settings and complete the print options settings.

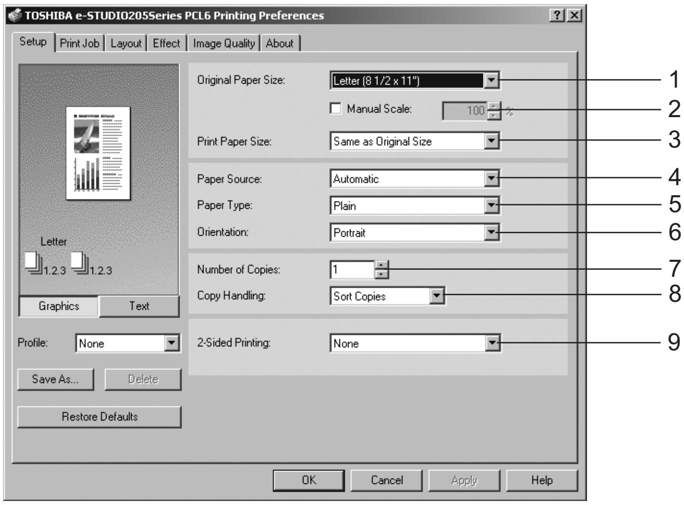
7) **[Cancel]**
   Click this to cancel the input settings and exit the print options settings.

8) **[Apply]**
   Click this to enter the input settings without closing the print options settings. This button is only displayed when the printer properties are accessed from the Printers folder for Windows NT 4.0, Windows 2000, Windows XP, and Windows Server 2003. This button remains grayed out until a setting is changed.

9) **[Help]**
   Click this to browse the HELP for the printer driver.

— Setup tab

The Setup tab contains basic print operation settings, such as original paper size, print paper size, paper source, paper type, orientation, number of copies, and so on. Also this tab allows you to enable enlarge/reduce printing, sort printing, and 2-sided printing.


TOSHIBA e-STUDIO205Series PCL6 Printing Preferences
Setup
Print Job
Layout
Effect
Image Quality
About
Letter
1.2.3
1.2.3
Graphics
Text
Save As...
Delete
Restore Defaults
OK
Cancel
Apply
Help
1
2
3
4
5
6
7
8
9

Original Paper Size: Letter (8 1/2 x 11")
☐ Manual Scale: 100 %
Print Paper Size: Same as Original Size
Paper Source: Automatic
Paper Type: Plain
Orientation: Portrait
Number of Copies: 1
Copy Handling: Sort Copies
2-Sided Printing: None
Profile: None

1) **Original Paper Size**
This selects the size of a document to be printed.

Available original paper sizes are listed below:

- Letter
- Ledger
- Legal
- Statement
- Computer
- 13”LG
- A4
- A5
- A3
- B4
- B5
- Folio
- A6
- 8K
- 16K
- Envelope COM10
- Envelope Monarch
- Envelope DL
- Envelope Cho-3
- Envelope You-4

Note

To print on envelopes, see the following page:
📖 P.16 “To print on envelopes”

Tip

The default paper size will be “Letter” or “A4” according to the regional setting in the Windows.

2) **Manual Scale**
Check this box to manually enter the zoom ratio, to enlarge or reduce an image. You can set any integer from 25 to 400(%) for the zoom ratio. This is not available when you enable the Booklet printing.

3) **Print Paper Size**
Select this to enlarge or reduce a page image to fit exactly in the selected paper size. If you do not enable enlarge or reduce printing, select “Same as Original Size”.

4) Paper Source

This selects the paper source. Please select a paper source that correlates with the printing size.

- **Automatic** — Automatically selects the paper set in this equipment according to the printed document size.
- **Drawer1** — Paper is fed from the 1st Drawer.
- **Drawer2** — Paper is fed from the 2nd Drawer (Paper Feed Unit (optional)). This cannot be selected if the Paper Feed Unit (optional) is not installed.
- **Drawer3** — Paper is fed from the 3rd Drawer (the upper Drawer of Paper Feed Pedestal (optional)). This cannot be selected if the Paper Feed Pedestal (optional) is not installed.
- **Drawer4** — Paper is fed from the 4th Drawer (the lower Drawer of Paper Feed Pedestal (optional)). This cannot be selected if the Paper Feed Pedestal (optional) is not installed.
- **Bypass Tray** — Paper is fed from the Bypass Tray. (When an envelope is selected in the "Original Paper Size" option, "Paper Source" is automatically set to this.)

Note

The selectable values vary depending on the optional devices installed on this equipment and their configuration on the Configuration tab.

5) Paper Type

This sets the media type of the paper.

- **Plain** — Select this when printing on 20 lbs plain paper (64-80 g/m^2 plain paper).
- **Thick1** — Select this when printing on 24-28 lbs thick paper (81-105 g/m^2 thick paper).
- **Thick2** — Select this when printing on 32-90 lbs thick paper (106-163 g/m^2 thick paper).
- **Transparency** — Select this when printing on transparent sheets.
- **Envelope** — When an envelope is selected in the "Original Paper Size" option, "Paper Type" is automatically set to this.

6) Orientation

This sets the paper printing direction.

- **Portrait** — The document is printed in the portrait direction.
- **Landscape** — The document is printed in the landscape direction.

7) Number of Copies

This sets the number of printed copies. You can set any integer from 1 to 999.

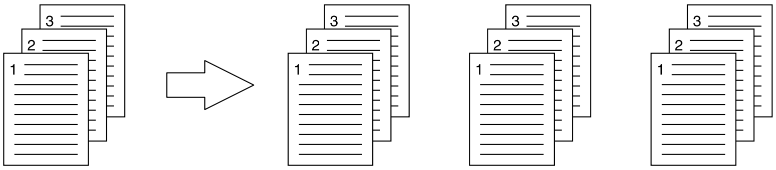
Note

When you print a document with a large number of pages, or in which graphics, shading, and photo images are considerable, only one set may be printed out, even if multiple sets are specified.

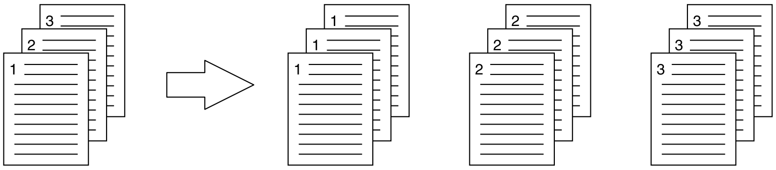
8) Copy Handling

This sets how to sort the printed sheet when numerous copies are made for printing.

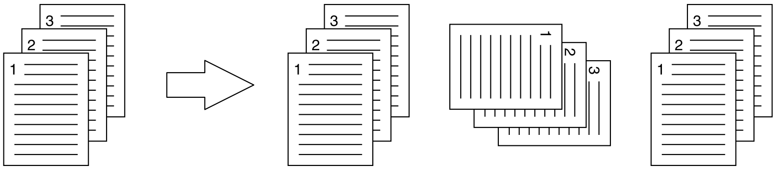
- **Sort Copies** — Select this for sort-printing (1, 2, 3... 1, 2, 3...).



- **Group Copies** — Select this for group-printing (1, 1, 1... 2, 2, 2... 3, 3, 3...).



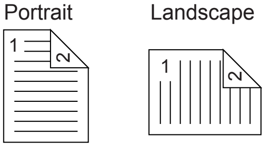
- **Rotated Sort Copies** — Select this for rotate sort-printing.



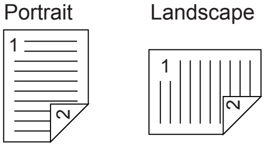
Notes

- “Group Copies” and “Rotated Sort Copies” can be selected only when more than 2 copies are entered at the Number of Copies option.
- “Rotated Sort Copies” can be selected only when “Letter”, “A4”, or “B5” is selected at the Print Paper Size option.

9) **2-Sided Printing**
This sets 2-Sided printing (printing on both sides of paper) according to the type of binding for 2-sided-printed pages.
   - **None** — Select this if you do not want to print on both sides of the paper.
   - **Book** — Select this to print on both sides of the paper in the same direction and to bind the document along the vertical side of the paper so that the pages can be turned over right and left.



   - **Tablet** — Select this to print on both sides of the paper with a vertical reversal and to bind the document along the horizontal side of the paper so that the pages can be turned over up and down.

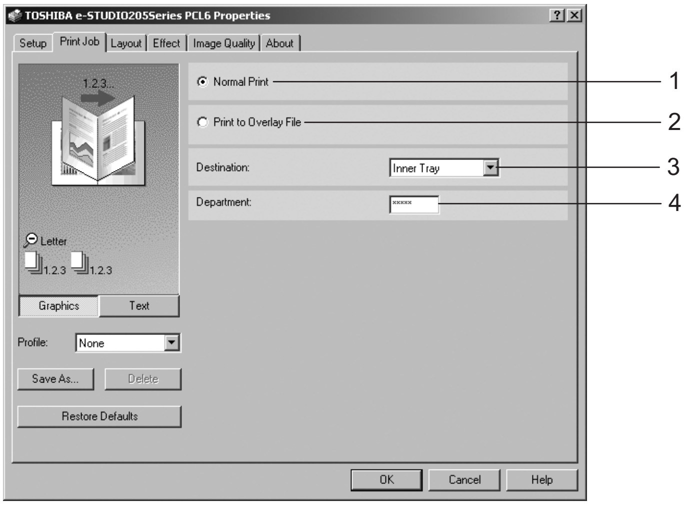


Note

“Book” or “Tablet” will be automatically selected when the Booklet printing is set at the Layout tab.

— Print Job tab

The Print Job tab contains settings of how this equipment handles each print job. This tab also allows you to store the data as overlay images.



TOSHIBA e-STUDIO205Series PCL6 Properties

● Normal Print

○ Print to Overlay File

Destination: Inner Tray

Department: *****

Profile: None

1) **Normal Print**
Select this to print a job normally.

2) **Print to Overlay File**
When this is selected, the print job is saved as an overlay file that is imposed on other documents. For example, if you want to print a master page image on the background of a document, you can create overlay file of master merge image using this option. Then you can print a document using this overlay by specifying this file as an overlay image in the “Overlay Image” option at the Effect tab.

Notes

- If the print job has several pages in the document, only the first page of the document will be saved as an overlay file.
- Both the overlay file and the documents on which you superimpose the overlay image must be created at the same size, orientation, and resolution.

3) **Destination**
Shows the destination tray to which jobs will be output.
- **Inner Tray** — The exit tray is displayed. (Not selectable)

4) **Department**
Enter the user’s department code if the system is managed with department codes. Please ask your administrator for your department code.

Note

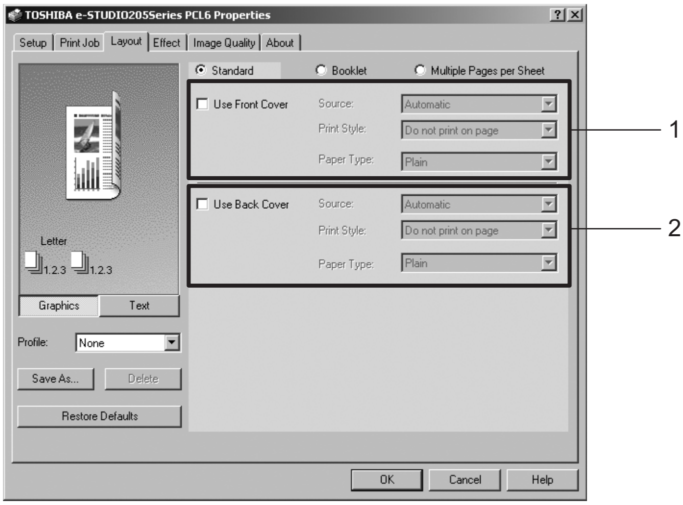
When printing is made with an invalid department code, the job is deleted. (If the “Enable SNMP Communication” check box of the Configuration tab menu of the printer is checked, an error message appears before the job is deleted. However, when the job is being printed through a NetWare print server under Windows NT 4.0, the error message does not appear.)

— Layout tab - Standard window

The standard window of the Layout tab allows you to enable the front or back cover printing.

Tips

- Front Cover printing is also available with Booklet printing. If can be set in the Booklet window.
- Front Cover printing and Back Cover printing are also available with N-up printing. They can be set in the Multiple Pages per Sheet window.



● Standard ○ Booklet ○ Multiple Pages per Sheet

☐ Use Front Cover
Source: Automatic
Print Style: Do not print on page
Paper Type: Plain

☐ Use Back Cover
Source: Automatic
Print Style: Do not print on page
Paper Type: Plain

Profile: None

1) **Use Front Cover**
This sets front cover printing which allows you to insert or print a cover on a sheet fed from a different tray than the Paper Source option selected on the Setup tab.
To enable cover printing, check on the box and select the location from where a cover sheet is to be fed and the print style to be used.

Source
Select the location from where a cover sheet is to be fed. When “Automatic” is selected, the paper is automatically selected according to the printed document size.

Notes

- The selectable values in the Source drop down box vary depending on the optional devices installed on this equipment and their configuration on the Configuration tab.
- When you feed paper from the Bypass Tray, press the [START] button. To cancel printing, press the [CLEAR/STOP] button.

Print Style
This selects how you want to print a cover.

- **Do not print on page** — Select this to insert a blank cover.
- **Print on 1 side of page** — Select this to print the first page image on the front side of a cover.
- **Print on both sides of page** — Select this to print the first two page images on both sides of a cover. This is available only when the 2-Sided Printing option is enabled on the Setup tab.

Note

If “Print on 1 side of page” is selected while 2-Sided Printing is performed, the first page is printed on the front side of the cover sheet and the back side of the cover will be blank.

Paper Type
This sets the media type of the paper.

- **Plain** — Select this when printing on 20 lbs plain paper (64-80 g/m^2 plain paper).
- **Thick1** — Select this when printing on 24-28 lbs thick paper (81-105 g/m^2 thick paper).
- **Thick2** — Select this when printing on 32-90 lbs thick paper (106-163 g/m^2 thick paper).
- **Transparency** — Select this when printing on transparent sheets.

Note

The same paper type applies to both front cover and back cover. When the paper type for either cover is changed, the paper type for other cover is automatically set to the same one.

2) Use Back Cover
This sets back cover printing which allows you to insert or print a back cover on a sheet fed from a different tray than the Paper Source option selected on the Setup tab.
To enable back cover printing, check on the box and select the location from where a back cover sheet is to be fed and the print style to be used.

Source
Select the location from where a back cover sheet is to be fed. When “Automatic” is selected, the paper is automatically selected according to the printed document size.

Note

The selectable values in the Source drop down box vary depending on the optional devices installed on this equipment and their configuration on the Configuration tab.

Print Style
This selects how you want to print a back cover.

- **Do not print on page** — Select this to insert a blank cover.
- **Print on 1 side of page** — Select this to print the last page image on the front side of a cover.
- **Print on both sides of page** — Select this to print the last two page images on both sides of a cover. This is available only when the 2-Sided Printing option is enabled on the Setup tab.

Notes

- If “Print on 1 side of page” is selected while 2-Sided Printing is performed, the last page is printed on the front side of the cover sheet and back side of the cover will be blank.
- If “Print on both sides of page” is selected but there is only one page printed on the back cover, the last page is printed on the front side of the cover sheet and back side of the cover will be blank.

Paper Type

This sets the media type of the paper.

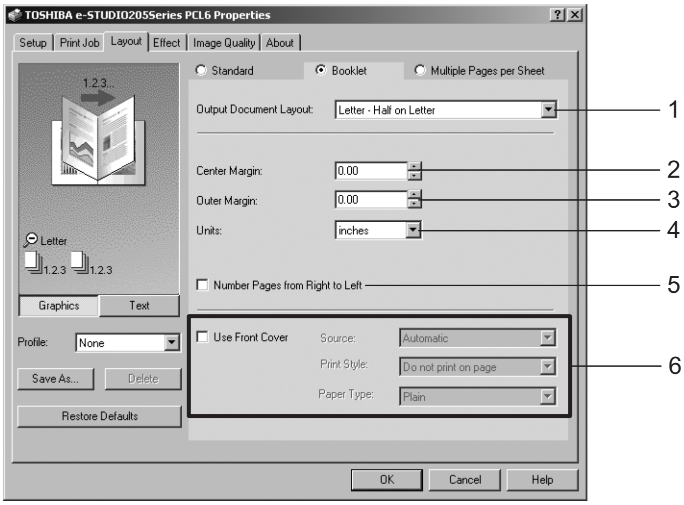
- **Plain** — Select this when printing on 20 lbs plain paper (64-80 g/m^2 plain paper).
- **Thick1** — Select this when printing on 24-28 lbs thick paper (81-105 g/m^2 thick paper).
- **Thick2** — Select this when printing on 32-90 lbs thick paper (106-163 g/m^2 thick paper).
- **Transparency** — Select this when printing on transparent sheets.

Note

The same paper type applies to both front cover and back cover. When the paper type for either cover is changed, the paper type for other cover is automatically set to the same one.

— Layout tab - Booklet window

In the Booklet window, you can print a properly paginated booklet or magazine-style publication.



○ Standard ● Booklet ○ Multiple Pages per Sheet

Output Document Layout: Letter - Half on Letter

Center Margin: 0.00

Outer Margin: 0.00

Units: inches

☐ Number Pages from Right to Left

☐ Use Front Cover — Source: Automatic; Print Style: Do not print on page; Paper Type: Plain

Profile: None

1) **Output Document Layout**
   Select the booklet size to be made.
   - **A5 on A4** — Select this to print a A5 size booklet. Every 2 pages are printed on A4 paper to fit on half a sheet (A5).
   - **A4 on A3** — Select this to print a A4 size booklet. Every 2 pages are printed on A3 paper to fit on half a sheet (A4).
   - **B5 on B4** — Select this to print a B5 size booklet. Every 2 pages are printed on B4 paper to fit on half a sheet (B5).
   - **Letter-Half on Letter** — Select this to print a 1/2 Letter size booklet. Every 2 pages are printed on Letter paper to fit on half a sheet.
   - **LT on LD** — Select this to print a Letter size booklet. Every 2 pages are printed on Ledger paper to fit on half a sheet (Letter).
   - **A6 on A5** — Select this to print a A6 size booklet. Every 2 pages are printed on A5 paper to fit on half a sheet (A6).
   - **B6 on B5** — Select this to print a B6 size booklet. Every 2 pages are printed on B5 paper to fit on half a sheet (B5).
   - **1/2 LG on LG** — Select this to print a 1/2 Legal size booklet. Every 2 pages are printed on Legal paper to fit on half a sheet.
   - **1/2 Comp on Comp** — Select this to print a 1/2 Computer size booklet. Every 2 pages are printed on Computer paper to fit on half a sheet.
   - **1/2 Folio on Folio** — Select this to print a 1/2 Folio size booklet. Every 2 pages are printed on Folio paper to fit on half a sheet.
   - **1/2 Statement on Statement** — Select this to print a 1/2 Statement size booklet. Every 2 pages are printed on Statement paper to fit on half a sheet.
   - **1/2 13’LG on 13’LG** — Select this to print a 1/2 13inchLG size booklet. Every 2 pages are printed on 13inchLG paper to fit on half a sheet.
   - **32K on 16K** — Select this to print a 32K size booklet. Every 2 pages are printed on 16K paper to fit on half a sheet.
   - **16K on 8K** — Select this to print a 16K size booklet. Every 2 pages are printed on 8K paper to fit on half a sheet.

2) **Center Margin**
   This sets the gutter on the center of two sided page. You can enter up to 0.500 inch (12.700 mm).

3) **Outer Margin**
This sets the gutter on the right side and left side on the paper. You can enter up to 1.00 inch (25.40 mm).

4) **Units**
Select the unit for the Center Margin and Outer Margin option. The default unit varies depending on the regional setting in the Windows.

5) **Number Pages from Right to Left**
Check this to print a booklet that can be read from right to left.

6) **Use Front Cover**
This sets front cover printing for a booklet which allows you to insert or print a cover on a sheet fed from a different tray than the Paper Source option selected on the Setup tab.
To enable cover printing, check on the box and select the location from where a cover sheet is to be fed and the print style.

Source
Select the location from where a cover sheet is to be fed. When “Automatic” is selected, the paper is automatically selected according to the printed document size.

Note

The selectable values in the Source drop down box vary depending on the optional devices installed on this equipment and their configuration on the Configuration tab.

Print Style
This selects how you want to print a cover.
- **Do not print on page** — Select this to insert a blank cover.
- **Print on both sides of page** — Select this to print the first two pages and last two pages on both sides of a cover.

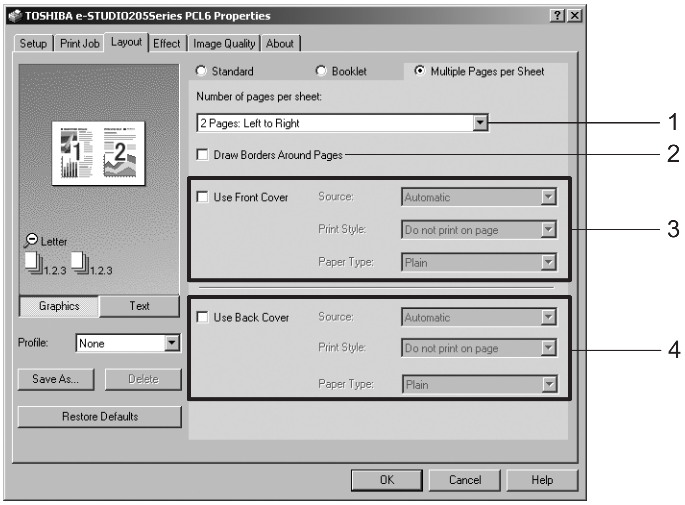
Note

If “Print on both sides of page” is selected but there is only one page for the last page printed on the cover, the last page is printed inside of the back cover page and the back cover page will be blank.

Paper Type
This sets the media type of the paper.
- **Plain** — Select this when printing on 20 lbs plain paper (64-80 g/m^2 plain paper).
- **Thick1** — Select this when printing on 24-28 lbs thick paper (81-105 g/m^2 thick paper).
- **Thick2** — Select this when printing on 32-90 lbs thick paper (106-163 g/m^2 thick paper).
- **Transparency** — Select this when printing on transparent sheets.

— Layout tab - Multiple Pages per Sheet window

In the Multiple Pages per Sheet window, you can enable N-up printing.



○ Standard ○ Booklet ● Multiple Pages per Sheet

Number of pages per sheet: 2 Pages: Left to Right

☐ Draw Borders Around Pages

☐ Use Front Cover — Source: Automatic; Print Style: Do not print on page; Paper Type: Plain

☐ Use Back Cover — Source: Automatic; Print Style: Do not print on page; Paper Type: Plain

Profile: None

1) **Number of pages per sheet**
   This sets the printing of multiple pages on one sheet. The pages are reduced to fit the selected paper size automatically and printed.
   - **2 pages: Left to Right** — Select this to print images from 2 pages arranged left to right (when the orientation is portrait) or from top to bottom (when the orientation is landscape) on one sheet.
   - **2 pages: Right to Left** — Select this to print images from 2 pages arranged right to left (when the orientation is portrait) or from bottom to top (when the orientation is landscape) on one sheet.
   - **4 pages: Left to Right** — Select this to print images from 4 pages arranged horizontally from the left and printed top to bottom on one sheet.
   - **4 pages: Right to Left** — Select this to print images from 4 pages arranged horizontally from the right and printed top to bottom on one sheet.
   - **4 pages: Left to Right by Column** — Select this to print images from 4 pages arranged vertically from the top and printed left to right on one sheet.
   - **4 pages: Right to Left by Column** — Select this to print images from 4 pages arranged vertically from the top and printed right to left on one sheet.
   - **6 pages: Left to Right** — Select this to print images from 6 pages arranged horizontally from the left and printed top to bottom on one sheet.
   - **8 pages: Left to Right** — Select this to print images from 8 pages arranged horizontally from the left and printed top to bottom on one sheet.
   - **9 pages: Left to Right** — Select this to print images from 9 pages arranged horizontally from the left and printed top to bottom on one sheet.
   - **16 pages: Left to Right** — Select this to print images from 16 pages arranged horizontally from the left and printed top to bottom on one sheet.

2) **Draw Border Around Pages**
   Check this to print borders each page.

3) **Use Front Cover**
   This sets front cover printing for N-up printing which allows you to insert or print a cover on a sheet fed from a different tray than the Paper Source option selected on the Setup tab.
   To enable cover printing, check on the box and select the location from where a cover sheet is to be fed and the print style to be used.

Source
Select the location from where a cover sheet is to be fed. When “Automatic” is selected, the paper is automatically selected according to the printed document size.

Note

The selectable values in the Source drop down box vary depending on the optional devices installed on this equipment and their configuration on the Configuration tab.

Print Style
This selects how you want to print a cover.

- **Do not print on page** — Select this to insert a blank cover.
- **Print on 1 side of page** — Select this to print the first page image on the front side of a cover.
- **Print on both sides of page** — Select this to print the first two page images on both sides of a cover. This is available only when the 2-Sided Printing option is enabled on the Setup tab.

Note

If “Print on 1 side of page” is selected while 2-Sided Printing is performed, the first page is printed on the front side of the cover sheet and back side of the cover will be blank.

Paper Type
This sets the media type of the paper.

- **Plain** — Select this when printing on 20 lbs plain paper (64-80 g/m^2 plain paper).
- **Thick1** — Select this when printing on 24-28 lbs thick paper (81-105 g/m^2 thick paper).
- **Thick2** — Select this when printing on 32-90 lbs thick paper (106-163 g/m^2 thick paper).
- **Transparency** — Select this when printing on transparent sheets.

Note

The same paper type applies to both front cover and back cover. When the paper type for either cover is changed, the paper type for other cover is automatically set to the same one.

4) Use Back Cover
This sets back cover printing which allows you to insert or print a back cover on a sheet fed from a different tray than the Paper Source option selected on the Setup tab.
To enable back cover printing, check on the box and select the location from where a back cover sheet is to be fed and the print style to be used.

Source
Select the location from where a back cover sheet is to be fed. When “Automatic” is selected, the paper is automatically selected according to the printed document size.

Note

The selectable values in the Source drop down box vary depending on the optional devices installed on this equipment and their configuration on the Configuration tab.

Print Style
This selects how you want to print a back cover.

- **Do not print on page** — Select this to insert a blank cover.
- **Print on 1 side of page** — Select this to print the last page image on the front side of a cover.

- **Print on both sides of page** — Select this to print the last two page images on both sides of a cover. This is available only when the 2-Sided Printing option is enabled on the Setup tab.

Note

If “Print on 1 side of page” is selected while 2-Sided Printing is performed, the last page is printed on the front side of the cover sheet and back side of the cover will be blank.

Paper Type
This sets the media type of the paper.

- **Plain** — Select this when printing on 20 lbs plain paper (64-80 g/m^2 plain paper).
- **Thick1** — Select this when printing on 24-28 lbs thick paper (81-105 g/m^2 thick paper).
- **Thick2** — Select this when printing on 32-90 lbs thick paper (106-163 g/m^2 thick paper).
- **Transparency** — Select this when printing on transparent sheets.

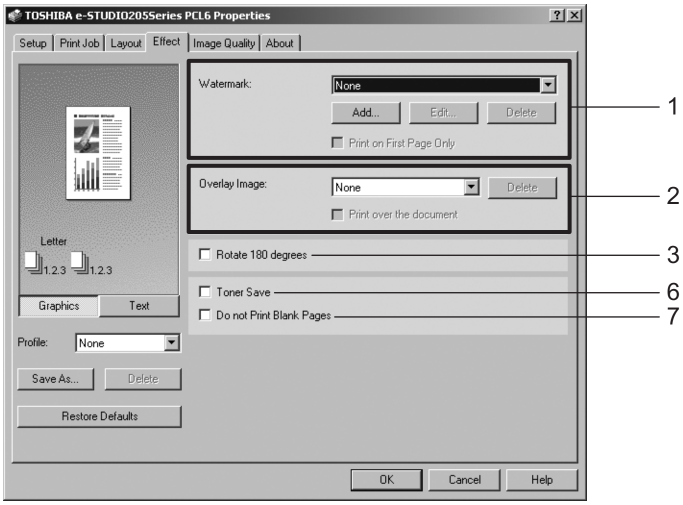
Note

The same paper type applies to both front cover and back cover. When the paper type for either cover is changed, the paper type for other cover is automatically set to the same one.

— Effect tab

The Effect Tab contains print options that add effects to your print jobs such as Watermarks, Overlay Image printing, Rotate printing, Mirror printing, and Negative printing. Also it lets you enable Toner Save and Do not Print Blank Pages functions.

Effect tab for PCL6



TOSHIBA e-STUDIO205Series PCL6 Properties
Setup
Print Job
Layout
Effect
Image Quality
About
Add...
Edit...
Delete
Delete
Letter
1,2,3
1,2,3
Graphics
Text
Save As...
Delete
Restore Defaults
OK
Cancel
Help
1
2
3
6
7

Watermark: None

☐ Print on First Page Only

Overlay Image: None

☐ Print over the document

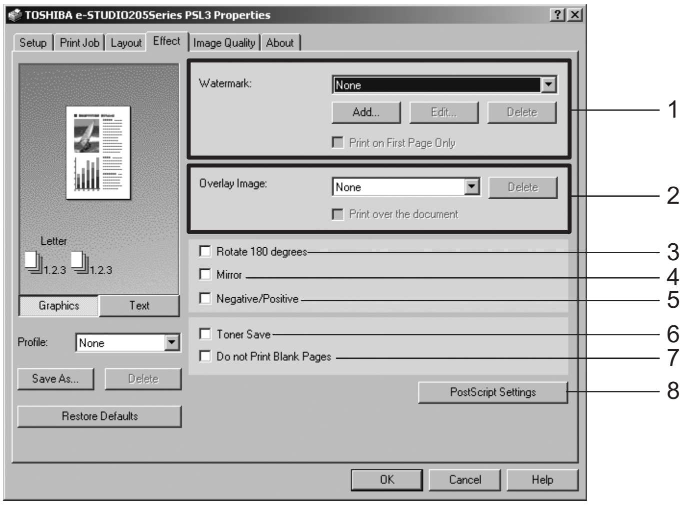
☐ Rotate 180 degrees

☐ Toner Save

☐ Do not Print Blank Pages

Profile: None

Effect tab for PS3


Watermark: None

Overlay Image: None

Profile: None

TOSHIBA e-STUDIO205Series PSL3 Properties
Setup
Print Job
Layout
Effect
Image Quality
About
Add...
Edit...
Delete
☐ Print on First Page Only
Delete
☐ Print over the document
☐ Rotate 180 degrees
☐ Mirror
☐ Negative/Positive
☐ Toner Save
☐ Do not Print Blank Pages
PostScript Settings
Letter
1.2.3
1.2.3
Graphics
Text
Save As...
Delete
Restore Defaults
OK
Cancel
Help
1
2
3
4
5
6
7
8

1) **Watermark**

This selects the watermark to be used or edited. The following values except “None” are the default watermarks that have been registered in the printer driver. New watermarks you create are added to the drop down box list.

- **None** — Select this if no watermark is desired.

The following default watermarks are also displayed in the drop down box:

- TOP SECRET
- CONFIDENTIAL
- DRAFT
- ORIGINAL
- COPY

[Add]

Click this to create new watermark. The Watermark dialog box appears by clicking on this.
📖 P.183 “Add/Edit watermark”

[Edit]

Select a watermark from the Watermark drop down box and click it to edit the watermark. The Watermark dialog box appears by clicking on this.
📖 P.183 “Add/Edit watermark”

[Delete]

Select a watermark from the Watermark drop down box and click it to edit a watermark.

Notes

- The default watermarks can be deleted but, If deleted, they cannot be restored.
- “None” cannot be deleted.

Print on First Page Only

Check this to print a watermark on the first page only. This setting will become available when any watermark is selected from the Watermark drop down box.

2) **Overlay Image**

This selects an overlay image to be used. This feature allows you to print an image on the background of a print job, although the watermark allows only a text.

Notes

- Both the overlay file and the documents on which you superimpose the overlay image must be created at the same size, orientation, and resolution.
- When printing with Overlay Image using the PS3 printer driver from an application that can create the PS command directly, the overlay image will not be printed. In that case, disable the “Use PostScript Passthrough” option in the PostScript Settings dialog box.
  📖 P.184 “PostScript settings”

Tip

If you want to use an overlay image in your job, you must first create an overlay file. To create an overlay image, create an overlay image with most applications and print it as an overlay file. You can enable creating an overlay file on the Print Job Tab.
📖 P.190 “Creating an overlay file”

[Delete]
Click this to delete the overlay image that you select in the drop down box.

Print over the document
Check this to print overlay image over the document.

3) **Rotate 180 degrees**
Check on this to perform rotation printing of an image.

4) **Mirror**
Check on this to perform mirror printing of an image. This print option is available only for the PS3 printer driver.

Notes

- The mirror printing may not be applied when the application gives priority to the application’s PostScript settings over the printer driver settings.
- When printing from Adobe Acrobat or such applications, the mirror printing does not work if the “Use PostScript Passthrough” option is enabled in the PostScript settings. To use the mirror printing, please disable the “Use PostScript Passthrough” option in the PostScript settings.

5) **Negative/Positive**
Check on this to perform negative printing of an image. This print option is available only for the PS3 printer driver.

Notes

- The negative printing may not be applied when the application gives priority to the application’s PostScript settings over the printer driver settings.
- When printing from Adobe Acrobat or such applications, the Negative/Positive printing does not work if the “Use PostScript Passthrough” option is enabled in the PostScript settings. To use the Negative/Positive printing, please disable the “Use PostScript Passthrough” option in the PostScript settings.

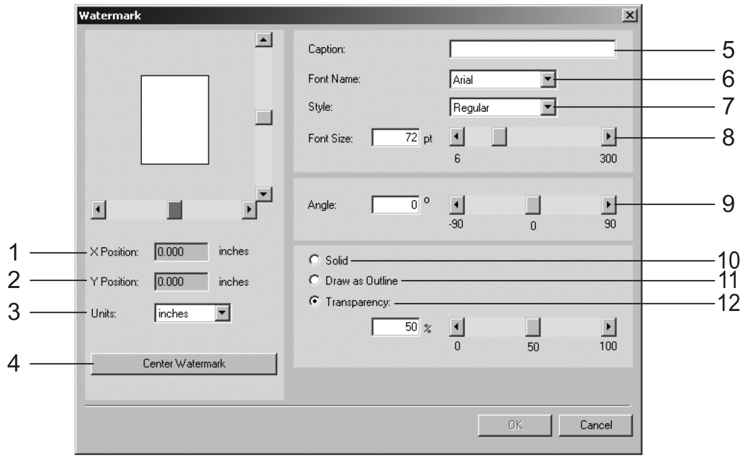
6) **Toner Save**
Check this to print in toner save mode.

7) **Do not Print Blank Pages**
Check this ignore blank pages for printing.

8) **[PostScript Settings]**
Click this to specify the PostScript specific functions. The PostScript Settings dialog box appears by clicking on this. This print option is available only for the PS3 printer driver.
📖 P.184 “PostScript settings”

Add/Edit watermark

When you click [Add] or [Edit], the Watermark dialog box appears and you can create new watermark or edit selected watermarks.


Caption:
Font Name: Arial
Style: Regular
Font Size: 72 pt
Angle: 0 °
X Position: 0.000 inches
Y Position: 0.000 inches
Units: inches
● Transparency: 50 %

1) **X Position**
The horizontal position of a watermark is displayed. You can change the position using the vertical scroll bar.

2) **Y Position**
The vertical position of a watermark is displayed. You can change the position using the horizontal scroll bar.

3) **Units**
Select the unit for the “X Position” and “Y Position” field.

4) **[Center Watermark]**
Click this to automatically move the watermark position to the center.

5) **Caption**
Enter the text of a watermark. You can enter up to 63 alphanumeric characters. When you are editing a watermark, the selected watermark text is displayed in the field.

6) **Font Name**
Select a font to be used for the watermark text.

7) **Style**
Select the font style for the watermark text.
   - **Regular** — Select this to set the regular style to the text.
   - **Bold** — Select this to set the bold style to the text.
   - **Italic** — Select this to set the italic style to the text.
   - **Bold Italic** — Select this to set the bold and italic style to the text.

8) **Font Size**
Enter the font size for the watermark text. The font size can be set from 6 to 300 pt in units of 1 pt. You can also set the font size using the scroll bar.

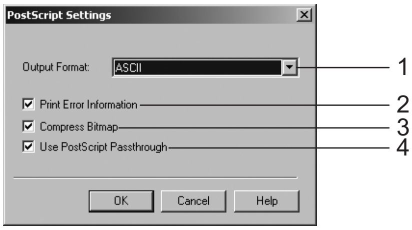
9) **Angle**
Enter the degree of angle for rotating the watermark text. The angle can be set from -90 to 90 degrees in units of 1 degree. You can also set the degree of angle by moving the scroll bar.

10) **Solid**
Select this to print solid type of watermark.

11) **Draw as Outline**
Select this to print outline type of watermark.

12) **Transparency**
Select this to transparent watermark. When you select this, set the brightness from 0 (darker) to 100% (lighter) in units of 1%. You can also set the brightness using the scroll bar.

PostScript settings



Output Format: ASCII

☑ Print Error Information

☑ Compress Bitmap

☑ Use PostScript Passthrough

1) **Output Format**
This selects the output format for printing.
- **ASCII** — The job is sent in the ASCII data format.
- **Encapsulated PostScript (EPS)** — The job is sent in the EPS format.
- **Tagged BCP** — Select this to send a job in Tagged Binary format over parallel ports.
- **Using Adobe DSC** — Select this to send a job with the DSC comments.

Note

The EPS format is usually used for creating an image to import into another document. Therefore, only the first page of the document will be printed when “Encapsulated PostScript (EPS)” is selected.

2) **Print Error Information**
Check on this to print a PS error information page when any errors occur for printing.

3) **Compress Bitmap**
Check on this to send compress bitmaps to this equipment.

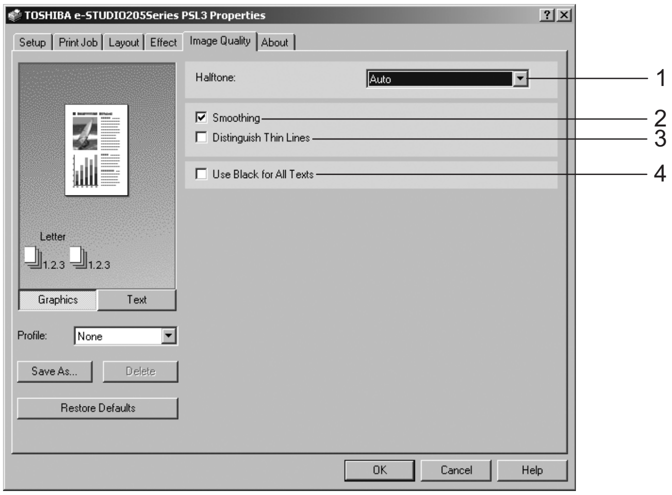
4) **Use PostScript Passthrough**
Check this for PostScript data created by the application to be passed through to this equipment.

Notes

- If this option is enabled, the following print options may not work correctly when printing from the application that creates the PostScript code for printing such as Adobe Acrobat. In that case, please disable this option for printing.
  - Manual Scale
  - Print Paper Size
  - Paper Type
  - User Front Cover
  - User Back Cover
  - Booklet
  - Multiple Pages per Sheet
  - All options in the Effect tab
  - All options in the Image Quality tab
- If this option is enabled, images may not be printed correctly when printing is made from an application that creates the PostScript code for printing such as Adobe Acrobat. In that case, please disable this option for printing.

— Image Quality tab

The Image Quality Tab allows you to select how images are printed. You can easily select appropriate image quality depending on the type of a document.


TOSHIBA e-STUDIO205Series PSL3 Properties

Halftone: Auto

☑ Smoothing

☐ Distinguish Thin Lines

☐ Use Black for All Texts

Profile: None

1) **Halftone**
This sets how halftone are printed.
- **Auto** — Select this to print automatically using proper halftone depending on the contents in the document. When this is selected, halftone is printed in detail for text, and smoothly for graphics.
- **Detail** — Select this to print halftone in detail.
- **Smooth** — Select this to print halftone smoothly.

Note

"Auto" can be selected only for the PS3 printer driver.

2) **Smoothing**
Check this to print the texts and graphics smoothly.

3) **Distinguish Thin Lines**
Check this to print thin lines clearly.

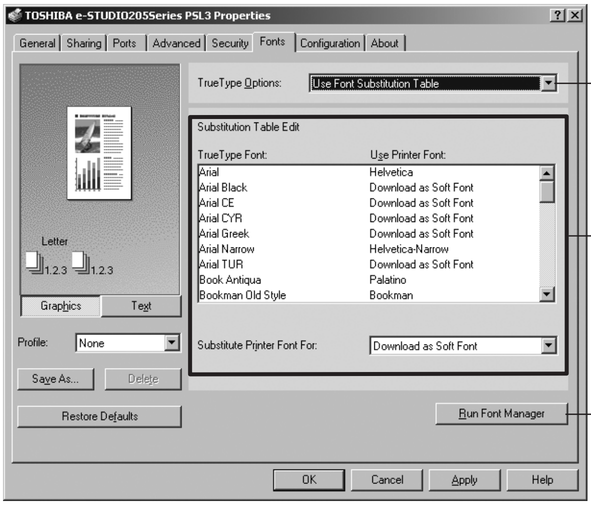
4) **Use Black for All Texts**
Check this to print all texts in 100% black except white texts.

— Fonts tab

The Fonts tab allows you to select how the TrueType fonts are printed. The following figure is the Fonts Tab for the PS3 printer driver.

Note

The Fonts tab can be displayed only from the Printers folder (and not displayed when displaying the properties from the application's Print dialog box).



TrueType Options: Use Font Substitution Table

Substitution Table Edit

TrueType Font:	Use Printer Font:
Arial	Helvetica
Arial Black	Download as Soft Font
Arial CE	Download as Soft Font
Arial CYR	Download as Soft Font
Arial Greek	Download as Soft Font
Arial Narrow	Helvetica-Narrow
Arial TUR	Download as Soft Font
Book Antiqua	Palatino
Bookman Old Style	Bookman

Substitute Printer Font For: Download as Soft Font

Profile: None

1) **TrueType Options**
This sets how to print TrueType fonts.
- **Always Use TrueType Fonts** — Select this to print the document the same as the print image shown on the screen. All TrueType fonts are extracted on the system for printing.
- **Always Use Printer Fonts** — Select this to substitute the TrueType fonts with the internal fonts for printing. The print result may differ from the print image on the screen.
- **Use Font Substitution Table** — Select this to substitute the TrueType fonts using the internal fonts according to the settings of the font substitution table. You can edit the font substitution table that is displayed at the Substitution Table Edit table.
- **Download as Bitmap** — Select this to print the document as same as the image shown on the screen.

Tips

- The default value will be "Always Use TrueType Fonts" for the PCL6 printer driver.
- The default value will be "Use Font Substitution Table" for the PS3 printer driver.

2) **Substitution Table Edit**
This table shows how each TrueType font is substituted. You can edit the substitution setting for each TrueType font. In this table, the TrueType font names are displayed in the TrueType Font column, and how the TrueType font is printed is shown in the Use Printer Font column. To edit the substitution table, select the TrueType font that you want to edit from the table, and select how the TrueType font is printed at the Printer Font For drop down box.
At the Printer Font For drop down box, you can select "Download as Soft Font" to send the TrueType fonts in Type 42 format, or other available printer fonts to be substituted. The printer fonts displayed in the drop down box differ depending on the TrueType fonts.

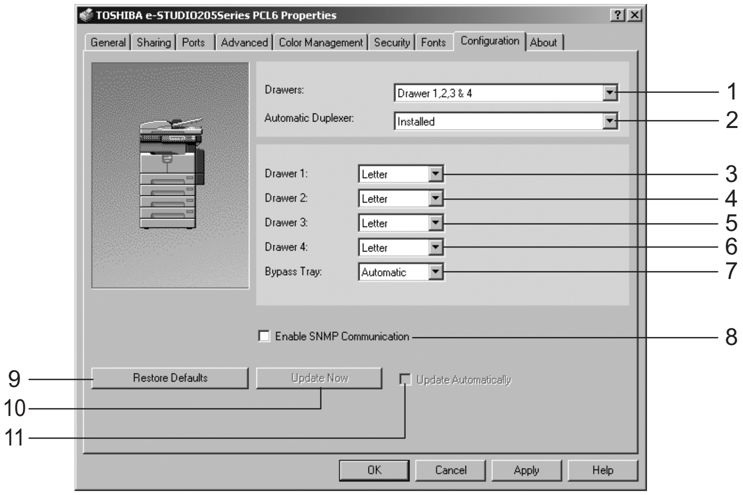
3) **[Run Font Manager]**
Click this to run the Font Manager. This is not available if the Font Manager is not installed.

Note

The [Run Font Manager] button is not displayed for the PCL6 printer driver.

— Configuration tab

The Configuration Tab allows you to configure options. When any optional unit is installed in this equipment, set the configuration of the machine on this tab.


TOSHIBA e-STUDIO205Series PCL6 Properties
General
Sharing
Ports
Advanced
Color Management
Security
Fonts
Configuration
About
Restore Defaults
Update Now
Update Automatically
OK
Cancel
Apply
Help
1
2
3
4
5
6
7
8
9
10
11

Drawers: Drawer 1,2,3 & 4
Automatic Duplexer: Installed
Drawer 1: Letter
Drawer 2: Letter
Drawer 3: Letter
Drawer 4: Letter
Bypass Tray: Automatic
☐ Enable SNMP Communication

1) **Drawers**
Drawers- This sets the Drawer configuration according to the Drawers installed.
- **Drawer 1**: 1st Drawer only
- **Drawer 1 & 2**: 1st Drawer and Paper Feed Unit (optional)
- **Drawer 1,2 & 3**: 1st Drawer, Paper Feed Unit (optional) and Paper Feed Pedestal (optional, its upper Drawer only)
- **Drawer 1,2,3 & 4**: 1st Drawer, Paper Feed Unit (optional) and Paper Feed Pedestal (optional, both of its upper and lower Drawers)

2) **Automatic Duplexer**
Select whether the Automatic Duplexer (optional) is installed or not.
None – Select this when the Automatic Duplexer is not installed.
Installed – Select this when the Automatic Duplexer is installed.

3) **Drawer 1**
This sets the size of paper that is loaded in the 1st Drawer.

4) **Drawer 2**
This sets the size of paper that is loaded in the 2nd Drawer (Paper Feed Unit (optional)). This can be set only when the Paper Feed Unit (optional) is installed.

5) **Drawer 3**
This sets the size of paper that is loaded in the 3rd Drawer (the upper Drawer of Paper Feed Pedestal (optional)). This can be set only when the upper Drawer of Paper Feed Pedestal (optional) is installed.

6) **Drawer 4**
This sets the size of paper that is loaded in the 4th Drawer (the lower Drawer of Paper Feed Pedestal (optional)). This can be set only when the lower Drawer of Paper Feed Pedestal (optional) is installed.

7) **Bypass Tray**
Set to “Automatic”. (Not selectable).

8) **Enable SNMP Communication**
Check this to enable obtaining the configuration information from this equipment.

9) **[Restore Defaults]**
Click this to restore the settings to the original factory defaults.

10) **[Update Now]**
Click this to obtain the configuration information from this equipment immediately. This is available only when “Enable SNMP Communication” is checked.

Note

If the connection to the equipment has not been configured correctly, the SNMP communication fails and the option settings will not be updated.

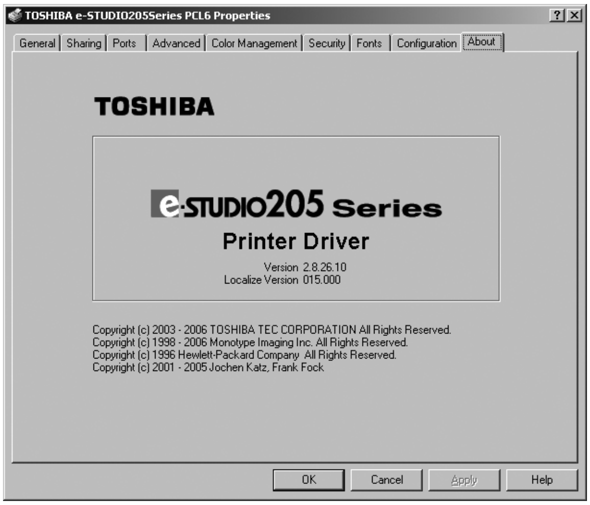
11) **Update Automatically**
Check this to update the configuration information every time the printer driver is opened. This is available only when “Enable SNMP Communication” is checked.

Note

If the connection to the equipment has not been configured correctly, the SNMP communication fails and the option settings will not be updated.

— About tab

The About Tab contains information about the printer driver’s version.



TOSHIBA e-STUDIO205Series PCL6 Properties

Printer Driver

Version 2.8.26.10
Localize Version 015.000

Copyright (c) 2003 - 2006 TOSHIBA TEC CORPORATION All Rights Reserved.
Copyright (c) 1998 - 2006 Monotype Imaging Inc. All Rights Reserved.
Copyright (c) 1996 Hewlett-Packard Company All Rights Reserved.
Copyright (c) 2001 - 2005 Jochen Katz, Frank Fock

Printing with extended print functionality

In this section, procedures are given to print various types of print job, using the layout and finishing options. This section can help you to find a print method that you desired.

Printing various print job types

The printer drivers provide the way to handle an overlay image file in addition to normal printing.

— Creating an overlay file

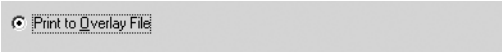
You can print a document as an overlay file. The created overlay file can then be merged into another document during printing.
🕮 P.203 "Printing with an Overlay File"

Notes

- If the print job has several pages in the document, only the first page of the document will be saved as an overlay file.
- Both the overlay file and the documents on which you superimpose the overlay image must be created at the same size and orientation.

Printing a document as an overlay file

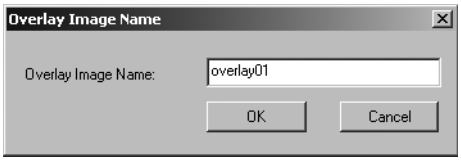
1 **Display the Print Job tab and select "Print to Overlay File".**



● Print to Overlay File

2 **Set other print options you require and click [OK].**
The Overlay Image Name dialog box appears.

3 **Enter a overlay image name and then click [OK].**



Overlay Image Name

Overlay Image Name: overlay01

You can enter up to 63 characters.

4 **Click [OK] or [Print] to send a print job.**
The document is saved as an overly file.

Tip

You can use created overly file to print a document.
🕮 P.203 "Printing with an Overlay File"

Printing with various layout and finishing options

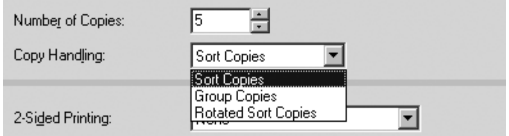
Printer drivers allows you to create a print job with layout options to make your document more essential. Also you can enable finishing options that determine how the jobs are output, such as sorting and creating a booklet.

— Sort printing

You can select how multiple copies of a document to be output, such as separately for each copy, grouping each page, and alternating the paper direction for each copies.

Output each copy separately

1 **Display the Setup tab and enter the number of copies to be printed at the "Number of Copies" field. Then select "Sort Copies" at the "Copy Handling" drop down box.**



Number of Copies: 5

Copy Handling: Sort Copies

2 **Set other print options you require and click [OK].**

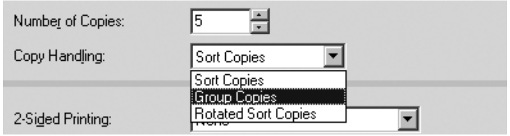
3 **Click [OK] or [Print] to send a print job.**

The print job is output separately for each copy.

Output with grouping of each page within a set

For example, assume that you have a three page job (A, B, C) and you want three copies of each page in this order (AAA, BBB, CCC).

1 **Display the Setup tab and enter the number of copies to be printed at the "Number of Copies" field. Then select "Group Copies" at the "Copy Handling" drop down box.**



Number of Copies: 5

Copy Handling: Group Copies

2 **Set other print options you require and click [OK].**

3 **Click [OK] or [Print] to send a print job.**

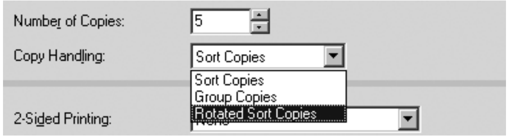
The print job is output separately for each page.

Output in a different direction for each copy

Note

Rotated Sort Copies can be enabled only when printing on Letter, A4, or B5.

1 **Display the Setup tab and enter the number of copies to be printed at the “Number of Copies” field. Then select “Rotated Sort Copies” at the “Copy Handling” drop down box.**



Number of Copies: 5

Copy Handling: Sort Copies

2-Sided Printing: None

2 **Set other print options you require and click [OK].**

3 **Click [OK] or [Print] to send a print job.**

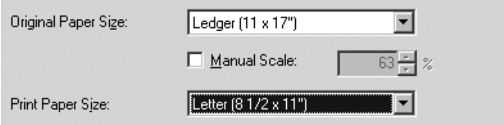
The print job is output in different direction for each copy.

— Enlarge/Reduce Printing

You can automatically enlarge or reduce a document image to fit a specified paper size, or manually set the zoom ratio to enlarge or reduce the image.

Printing enlarged or reduced image to fit specified paper size

1 **Display the Setup tab and select the document size on the “Original Paper Size” drop down box. Then select the paper size that you want to print at the “Print Paper Size” drop down box.**



Original Paper Size: Ledger (11 x 17")

☐ Manual Scale: 63 %

Print Paper Size: Letter (8 1/2 x 11")

The document image is automatically enlarged or reduced depending on the original paper size and print paper size.

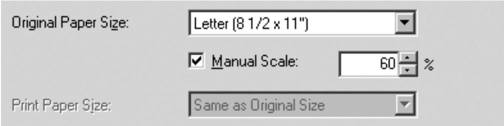
2 **Set other print options you require and click [OK].**

3 **Click [OK] or [Print] to send a print job.**

Enlarged or reduced image is printed to fit specified paper size.

Printing an enlarged or reduced image by specifying the zoom ratio manually

1 **Display the Setup tab and check the “Manual Scale” box. Then enter the percentage of zoom ratio.**


Original Paper Size: Letter (8 1/2 x 11")

☑ Manual Scale: 60 %

Print Paper Size: Same as Original Size

The zoom ratio can be set from 25% to 400% in units of 1%.

2 **Set other print options you require and click [OK].**

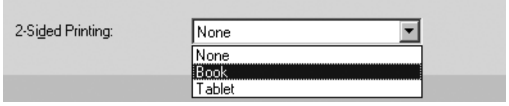
3 **Click [OK] or [Print] to send a print job.**
Enlarged or reduced image is printed by specified zoom ratio.

— Printing on Both Sides of a Sheet

You can print on both sides of the paper.

Printing both sides of paper

1 **Display the Setup tab and select the direction to be printed at the “2-Sided Printing” drop down box.**


2-Sided Printing: None

Book — Select this to print on both sides of the paper in a vertically direction, so the pages can be bound and turned over right and left.
Tablet — Select this to print on both sides of the paper in a vertical reversal motion, so the pages can be bound and turned over up and down.

2 **Set other print options you require and click [OK].**

3 **Click [OK] or [Print] to send a print job.**
The print job is printed on both side of paper in the specified direction.

— Printing front covers or back covers from different paper sources

You can print paper for front covers or back covers by feeding from different paper source.

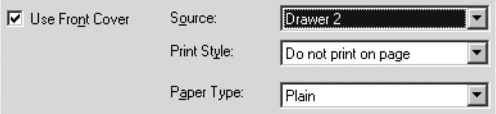
Notes

- A front cover can be also printed or inserted for booklet printing by setting it in the Booklet window.
  📖 P.195 "Printing booklets"
- A front cover and back cover can be also printed or inserted for N-up printing by setting it in the Multiple Pages per Sheet window.
  📖 P.198 "Printing several reduced pages per sheet"

Printing or inserting a front cover and back cover

1 **Display the Standard window of the Layout tab.**

2 **To print or insert a front cover, check the "Use Front Cover" box and select the drawer where the cover paper is loaded at the "Source" drop down box. Then select whether inserting a blank cover or printed front cover at the "Print Style" drop down box. Also, select the paper type for a front cover at the "Paper Type" drop down box.**



☑ Use Front Cover

Source: Drawer 2

Print Style: Do not print on page

Paper Type: Plain

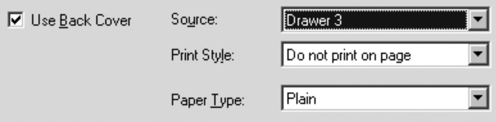
- **Print Style**
  This selects how you want to print a cover.
  - **Do not print on page** — Select this to insert a blank cover.
  - **Print on 1 side of page** — Select this to print the first page image on the front side of a cover.
  - **Print on both sides of page** — Select this to print the first two page images on both sides of a cover.

- **Paper Type**
  This sets the media type of the paper.
  - **Plain** — Select this when printing on 20 lbs plain paper (64-80 g/m^2 plain paper).
  - **Thick1** — Select this when printing on 24-28 lbs thick paper (81-105 g/m^2 thick paper).
  - **Thick2** — Select this when printing on 32-90 lbs thick paper (106-163 g/m^2 thick paper).
  - **Transparency** — Select this when printing on transparent sheets.

Notes

- When "Automatic" is selected in the "Source" drop down box, the paper is automatically selected according to the printed document size.
- "Print on both sides of page" is available only when 2-Sided printing is enabled at the Setup tab.
- The same paper type applies to both front cover and back cover. When the paper type for either cover is changed, the paper type for other cover is automatically set to the same one.

3 To print or insert a back cover, check the “Use Back Cover” box and set the “Source”, “Print Style” and “Paper Type” options that you require.



☑ Use Back Cover

Source: Drawer 3

Print Style: Do not print on page

Paper Type: Plain

- **Print Style**
  This selects how you want to print a back cover.
  - **Do not print on page** — Select this to insert a blank cover.
  - **Print on 1 side of page** — Select this to print the last page image on the front side of a cover.
  - **Print on both sides of page** — Select this to print the last two page images on both sides of a cover.

- **Paper Type**
  This sets the media type of the paper.
  - **Plain** — Select this when printing on 20 lbs plain paper (64-80 g/m^2 plain paper).
  - **Thick1** — Select this when printing on 24-28 lbs thick paper (81-105 g/m^2 thick paper).
  - **Thick2** — Select this when printing on 32-90 lbs thick paper (106-163 g/m^2 thick paper).
  - **Transparency** — Select this when printing on transparent sheets.

Notes

- When “Automatic” is selected in the “Source” drop down box, the paper is automatically selected according to the printed document size.
- “Print on both sides of page” is available only when 2-Sided printing is enabled at the Setup tab.
- The same paper type applies to both front cover and back cover. When the paper type for either cover is changed, the paper type for other cover is automatically set to the same one.

4 Set other print options you require and click [OK].

5 Click [OK] or [Print] to send a print job.

A front cover and back cover are printed or inserted for output.

— Printing booklets

Printing in normal booklet mode produces a document that, when folded, becomes a properly paginated booklet or magazine-style publication.
For example, if you create a document on letter-size paper (8½ x 11 inches) and then print in booklet mode, the yield is a 5½-x-8½-inch booklet. Each page has been scaled to fit on half a sheet and reordered so that the booklet is properly paginated when folded.
To retain your original document size when printing booklets, select the booklet size same as your original document size. Then, your 8½-inch document is printed on ledger size paper (11 x 17 inches) and reordered so that, when folded, the yield is an 8½-x-11-inch booklet. You can select from the following page-size options when printing a tiled booklet:

- Letter Booklet on Ledger
- A4 Booklet on A3
- B5 Booklet on B4

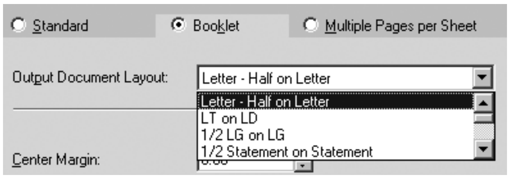
Tip

You can create a booklet by folding printed paper along the center by yourself.

Creating a booklet

1 Display the Booklet window of Layout tab.

2 Select the booklet size at the “Output Document Layout” drop down box.

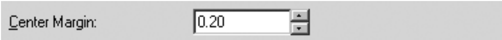


○ Standard ● Booklet ○ Multiple Pages per Sheet

Output Document Layout: Letter - Half on Letter

A5 on A4 — Select this to print a A5 size booklet. Every 2 pages are printed on A4 paper to fit on half a sheet (A5).
A4 on A3 — Select this to print a A4 size booklet. Every 2 pages are printed on A3 paper to fit on half a sheet (A4).
B5 on B4 — Select this to print a B5 size booklet. Every 2 pages are printed on B4 paper to fit on half a sheet (B5).
Letter-Half on Letter — Select this to print a 1/2 Letter size booklet. Every 2 pages are printed on Letter paper to fit on half a sheet.
LT on LD — Select this to print a Letter size booklet. Every 2 pages are printed on Ledger paper to fit on half a sheet (Letter).
A6 on A5 — Select this to print a A6 size booklet. Every 2 pages are printed on A5 paper to fit on half a sheet (A6).
B6 on B5 — Select this to print a B6 size booklet. Every 2 pages are printed on B5 paper to fit on half a sheet (B5).
1/2 LG on LG — Select this to print a 1/2 Legal size booklet. Every 2 pages are printed on Legal paper to fit on half a sheet.
1/2 Comp on Comp — Select this to print a 1/2 Computer size booklet. Every 2 pages are printed on Computer paper to fit on half a sheet.
1/2 Folio on Folio — Select this to print a 1/2 Folio size booklet. Every 2 pages are printed on Folio paper to fit on half a sheet.
1/2 Statement on Statement — Select this to print a 1/2 Statement size booklet. Every 2 pages are printed on Statement paper to fit on half a sheet.
1/2 13’LG on 13’LG — Select this to print a 1/2 13inchLG size booklet. Every 2 pages are printed on 13inchLG paper to fit on half a sheet.
32K on 16K — Select this to print a 32K size booklet. Every 2 pages are printed on 16K paper to fit on half a sheet.
16K on 8K — Select this to print a 16K size booklet. Every 2 pages are printed on 8K paper to fit on half a sheet.

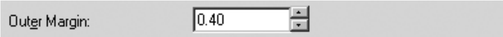
3 If you want to add a margin space between facing pages, enter a width in the “Center Margin” field.



Center Margin: 0.20

- You can change the unit of the margin at the “Units” drop down box.
- The center margin can be set from 0.000 inch to 0.500 inches in units of 0.01 inch when the unit is inch, and from 0.000 mm to 12.700 mm in units of 0.10 mm when the unit is mm.

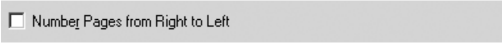
4 If you want to add a margin on the outside edge, enter a width in the "Outer Margin" field.



Outer Margin: 0.40

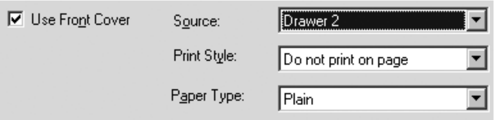
- You can change the unit of the margin at the "Units" drop down box.
- The center margin can be set from 0.000 inch to 1.00 inches in units of 0.01 inch when the unit is inch, and from 0.000 mm to 25.40 mm in units of 0.10 mm when the unit is mm.

5 If you want to create a booklet that can be read from right to left, check the "Number Pages from Right to Left" box.



☐ Number Pages from Right to Left

6 If you want to print or insert a front cover, check the "Use Front Cover" box and then select, at the "Source" drop down box, the drawer where the front cover is loaded. Also, at the "Print Style" drop down box, select whether you are inserting a blank cover or printed front cover. Then select the paper type for a front cover at the "Paper Type" drop down box.



☑ Use Front Cover
Source: Drawer 2
Print Style: Do not print on page
Paper Type: Plain

- **Print Style**
  This selects how you want to print a cover.
  - **Do not print on page** — Select this to insert a blank cover.
  - **Print on both sides of page** — Select this to print the first two page images on both sides of a cover.

- **Paper Type**
  This sets the media type of the paper.
  - **Plain** — Select this when printing on 20 lbs plain paper (64-80 g/m^2 plain paper).
  - **Thick1** — Select this when printing on 24-28 lbs thick paper (81-105 g/m^2 thick paper).
  - **Thick2** — Select this when printing on 32-90 lbs thick paper (106-163 g/m^2 thick paper).
  - **Transparency** — Select this when printing on transparent sheets.

Notes

- When "Automatic" is selected in the "Source" drop down box, the paper is automatically selected according to the printed document size.
- "Print on both sides of page" is available only when 2-Sided printing is enabled at the Setup tab.

7 Set other print options you require and click [OK].

8 Click [OK] or [Print] to send a print job.

The print job is printed as a booklet.

— Printing several reduced pages per sheet

The N-up feature allows you to condense and print several pages of a document on one sheet of paper. This feature is very useful for browsing a large number of pages for appearance or page order.
For example, to check the navigation path of a number of web pages or review the narrative of a slide presentation, using N-up is not only convenient but conserves paper as well.

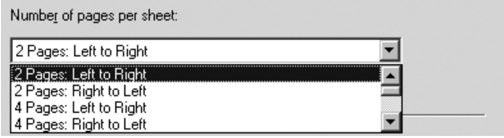
Tip

If you are using the Image Overlay feature in combination with N-up printing, the overlay prints once per sheet, rather than once per page.

Printing multiple pages per sheet

1 **Display the Multiple Pages per Sheet window on the Layout tab.**

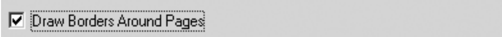
2 **Select how many multiple pages you want to print on a single sheet at the "Number of pages per Sheet" drop down box.**



Number of pages per sheet: 2 Pages: Left to Right

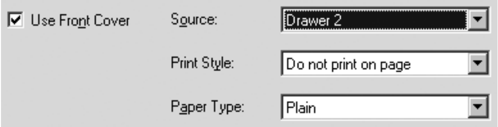
2 pages: Left to Right — Select this to print images from 2 pages arranged left to right (when the orientation is portrait) or from top to bottom (when the orientation is landscape) on one sheet.
2 pages: Right to Left — Select this to print images from 2 pages arranged right to left (when the orientation is portrait) or from bottom to top (when the orientation is landscape) on one sheet.
4 pages: Left to Right — Select this to print images from 4 pages arranged horizontally from the left and printed top to bottom on one sheet.
4 pages: Right to Left — Select this to print images from 4 pages arranged horizontally from the right and printed top to bottom on one sheet.
4 pages: Left to Right by Column — Select this to print images from 4 pages arranged vertically from the top and printed left to right on one sheet.
4 pages: Right to Left by Column — Select this to print images from 4 pages arranged vertically from the top and printed right to left on one sheet.
6 pages: Left to Right — Select this to print images from 6 pages arranged horizontally from the left and printed top to bottom on one sheet.
8 pages: Left to Right — Select this to print images from 8 pages arranged horizontally from the left and printed top to bottom on one sheet.
9 pages: Left to Right — Select this to print images from 9 pages arranged horizontally from the left and printed top to bottom on one sheet.
16 pages: Left to Right — Select this to print images from 16 pages arranged horizontally from the left and printed top to bottom on one sheet.

3 **If you want to draw a line around each page, check the "Draw Border Around Pages" box.**



☑ Draw Borders Around Pages

4 **If you want to print or insert a front cover, check the “Use Front Cover” box and then select, at the “Source” drop down box, the drawer where the front cover is loaded. Also, at the “Print Style” drop down box, select whether you are inserting a blank cover or printed front cover. Then select the paper type for a front cover at the “Paper Type” drop down box.**



☑ Use Front Cover

Source: Drawer 2

Print Style: Do not print on page

Paper Type: Plain

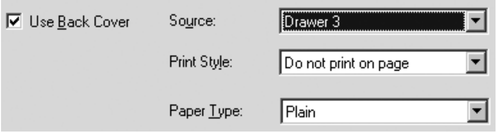
- **Print Style**
  This selects how you want to print a cover.
  - **Do not print on page** — Select this to insert a blank cover.
  - **Print on 1 side of page** — Select this to print the first page image on the front side of a cover.
  - **Print on both sides of page** — Select this to print the first two page images on both sides of a cover.

- **Paper Type**
  This sets the media type of the paper.
  - **Plain** — Select this when printing on 20 lbs plain paper (64-80 g/m^2 plain paper).
  - **Thick1** — Select this when printing on 24-28 lbs thick paper (81-105 g/m^2 thick paper).
  - **Thick2** — Select this when printing on 32-90 lbs thick paper (106-163 g/m^2 thick paper).
  - **Transparency** — Select this when printing on transparent sheets.

Notes

- When “Automatic” is selected in the “Source” drop down box, the paper is automatically selected according to the printed document size.
- “Print on both sides of page” is available only when 2-Sided printing is enabled at the Setup tab.
- The same paper type applies to both front cover and back cover. When the paper type for either cover is changed, the paper type for other cover is automatically set to the same one.

5 If you want to print or insert a back cover, check the “Use Back Cover” box and then select, at the “Source” drop down box, the drawer where the back cover is loaded. Also, at the “Print Style” drop down box, select whether you are inserting a blank cover or printed back cover. Then select the paper type for a back cover at the “Paper Type” drop down box.



☑ Use Back Cover

Source: Drawer 3

Print Style: Do not print on page

Paper Type: Plain

- **Print Style**
  This selects how you want to print a back cover.
  - **Do not print on page** — Select this to insert a blank cover.
  - **Print on 1 side of page** — Select this to print the last page image on the front side of a cover.
  - **Print on both sides of page** — Select this to print the last two page images on both sides of a cover.

- **Paper Type**
  This sets the media type of the paper.
  - **Plain** — Select this when printing on 20 lbs plain paper (64-80 g/m^2 plain paper).
  - **Thick1** — Select this when printing on 24-28 lbs thick paper (81-105 g/m^2 thick paper).
  - **Thick2** — Select this when printing on 32-90 lbs thick paper (106-163 g/m^2 thick paper).
  - **Transparency** — Select this when printing on transparent sheets.

Notes

- When “Automatic” is selected in the “Source” drop down box, the paper is automatically selected according to the printed document size.
- “Print on both sides of page” is available only when 2-Sided printing is enabled at the Setup tab.
- Only one page will be printed on the back cover when only one page is remained for the back cover page, even if “Print on both sides of page” is selected.
- The same paper type applies to both front cover and back cover. When the paper type for either cover is changed, the paper type for other cover is automatically set to the same one.

6 Set other print options you require and click [OK].

7 Click [OK] or [Print] to send a print job.

Multiple pages are printed per sheet.

— Using watermarks

Watermarks overprint your document with useful information, such as “Confidential,” “Draft,” or “Original.” You can choose from several predefined watermarks or you can create and save your own custom watermarks.

Note

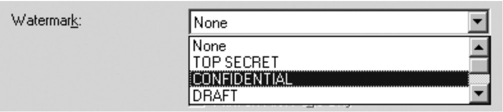
A watermark cannot be used for an overlay file. If “Print to Overlay File” is selected in Print Job tab, the watermark setting items are grayed and cannot be set.

Tip

Watermarks are text only. To add graphics or other document elements, use image overlays instead.
📖 P.203 “Printing with an Overlay File”

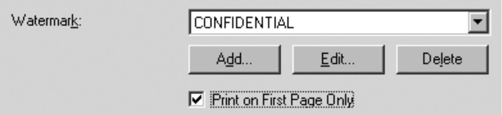
Printing a watermark

1 **Display the Effect tab and select the watermark to be printed at the “Watermark” drop down box.**



Watermark: None

2 **If you want to print the watermark on only the first page, check on the “Print on First Page Only” box.**



Watermark: CONFIDENTIAL

☑ Print on First Page Only

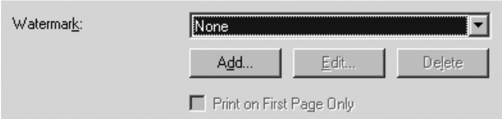
3 **Set other print options you require and click [OK].**

4 **Click [OK] or [Print] to send a print job.**

The print job is printed with the watermark.

Creating or editing a watermark

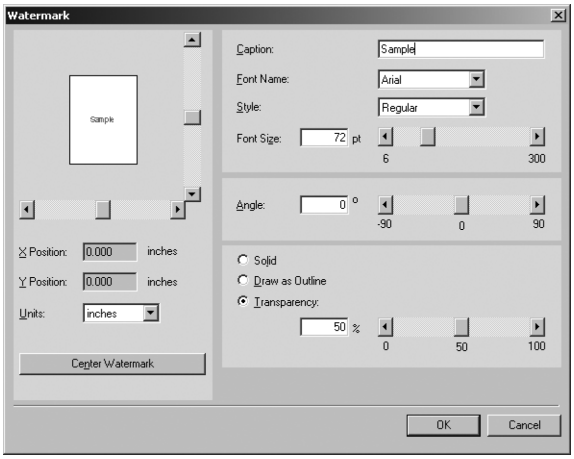
1 **Click [Add] to create new watermark, or select a watermark that you want to edit and click [Edit] to edit a watermark.**



Watermark: None

☐ Print on First Page Only

The Watermark dialog box appears.



Caption: Sample

Font Name: Arial

Style: Regular

Font Size: 72 pt

Angle: 0 °

X Position: 0.000 inches

Y Position: 0.000 inches

Units: inches

○ Solid

○ Draw as Outline

● Transparency: 50 %

2 **Enter the watermark text in the “Caption” field.**

You can enter up to 63 characters for the “Caption” field.

3 **Select a font for the watermark at the “Font Name” drop down box.**

4 **Select a font style for the watermark at the “Style” drop down box.**

5 **Enter the font size in the “Font Size” field.**

You can enter any integer between 6 to 300pt in units of 1pt.

6 **To rotate the watermark, enter the degrees in the “Angle” field.**

- You can enter from -90 degrees to 90 degrees in units of 1 degree in the “Angle” field.
- You can also set the angle using the scroll bar.

7 **Select how the watermark text is printed from “Solid”, “Draw as Outline”, and “Transparency”.**

Solid — Select this to print solid type of watermark.
Draw as Outline — Select this to print an outline type of watermark.
Transparency — Select this for a transparent watermark. Set the transparent ratio from 0 to 100% in units of 1%. You can also set the transparent ratio using the scroll bar.

8 **Click [OK] to save the watermark settings.**

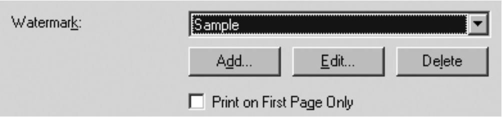
The watermark is added or edited.

Deleting a watermark

Note

You can delete the default watermarks. However, they cannot be restored by clicking the [Restore Defaults] button.

1 **Select a watermark that you want to delete at the “Watermark” drop down box.**



Watermark: Sample

2 **Click [Delete].**

— Printing with an Overlay File

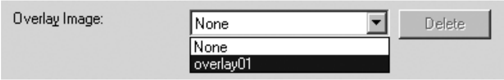
Using image overlays ensures that widely-used images are readily available and consistently reproduced. Image overlays are independent documents that are merged into other documents during printing and thereby increase the time required to print a job. To superimpose text on your document, it may be faster to use watermarks.
To print with an overlay file, you should create an overlay file first.
📖 P.190 “Creating an overlay file”

Notes

- If you use Image Overlays in combination with the N-up feature, the image overlay is printed once per sheet, not once per page.
- Both the overlay file and the documents on which you superimpose the overlay image must be created at the same size and orientation.

Printing an overlay image on a print job

1 **Display the Effect tab and select the overlay image name to be used in the “Overlay Image” drop down box.**



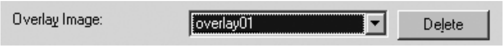
Overlay Image: None

2 **Set other print options you require and click [OK].**

3 **Click [OK] or [Print] to send a print job.**
The print job is printed with the overlay image.

Deleting an overlay file

1. **Select the overlay file that you want to delete at the “Overlay Image” drop down box.**



Overlay Image: overlay01

2. **Click [Delete].**

Printing from Macintosh

This equipment supports printing from Macintosh applications.

Note

When printing is made with an invalid department code, the job is deleted.

Printing from application on Mac OS 8.6 to 9.x

Once you have installed the PPD file as described in the section 📖 P.113 "Installing the printer on Mac OS 8.6/9.x", you can print directly from most Mac OS applications.

How to print from Mac OS 8.6 or 9.x

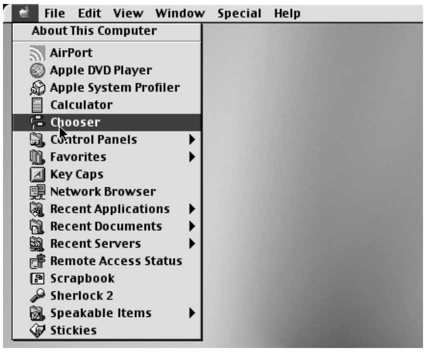
Before you can print to this equipment from applications, you must select it in the Chooser. Then, using the LaserWriter 8 printer driver and the correct PostScript Printer Description file (PPD), you can control the system's various printing features by specifying job settings from print dialog boxes.

— Selecting the printer in the Chooser

Before printing from applications, you must select the equipment in the Chooser.

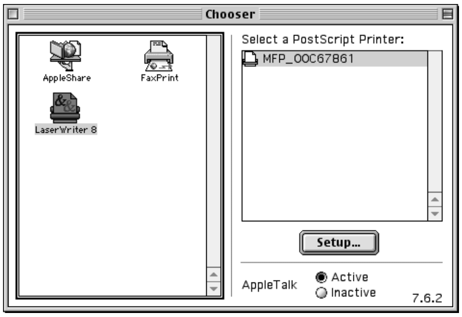
Setting the LaserWriter 8 printer in the Chooser

1 Click Apple menu and select [Chooser].


File
Edit
View
Window
Special
Help
About This Computer
AirPort
Apple DVD Player
Apple System Profiler
Calculator
Chooser
Control Panels
Favorites
Key Caps
Network Browser
Recent Applications
Recent Documents
Recent Servers
Remote Access Status
Scrapbook
Sherlock 2
Speakable Items
Stickies

The Chooser window appears.

2 Select the LaserWriter 8 icon and select the equipment in the "Select a PostScript Printer" list.


Chooser
AppleShare
FaxPrint
LaserWriter 8
Select a PostScript Printer:
MFP_00C67861
Setup...
AppleTalk
Active
Inactive
7.6.2

3 **Close the Chooser window.**
The LaserWriter 8 printer driver remains selected as the current printer until you choose a new printer.

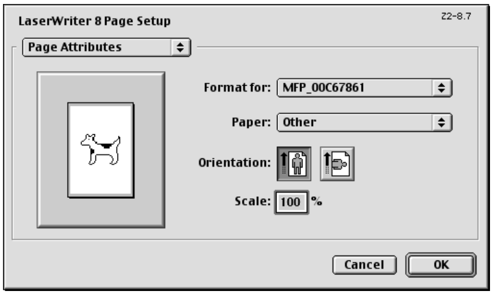
— Setting options and printing from Macintosh computer

In Mac OS applications, print options are set from both the Page Setup dialog box and the Print dialog box.

Printing from Macintosh applications

1 **Open a file and select [Page Setup] from the [File] menu of the application.**

2 **Select the name of the equipment at the “Format for” drop down box and specify the Page Setup settings for your print job.**

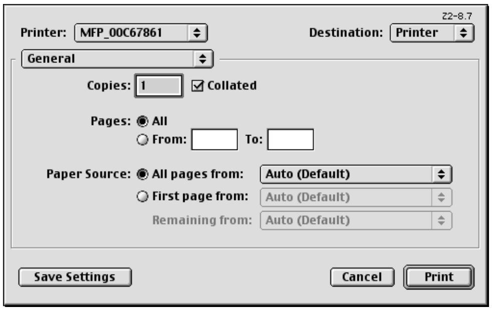

LaserWriter 8 Page Setup
Page Attributes
Format for: MFP_00C67861
Paper: Other
Scale: 100 %

Setting the Page Setup varies depending on how you want to print a document.
📖 P.207 “Print options for page setup dialog on Mac OS 8.6/9.x”

3 **Click [OK] to save the Page Setup settings.**

4 **Select [Print] from the [File] menu of the application.**

5 **In the dialog box that appears, make sure the name of the equipment is selected at the “Printer” menu and specify the Print settings for your print job.**


Printer: MFP_00C67861
Destination: Printer
General
Copies: 1 ☑ Collated
Pages: ● All
○ From: To:
Paper Source: ● All pages from: Auto (Default)
○ First page from: Auto (Default)
Remaining from: Auto (Default)

Setting the Print Setup varies depending on how you want to print a document.
📖 P.208 “Print options for print dialog on Mac OS 8.6/9.x”

6 **Click [Print] to print a document.**

Print options for page setup dialog on Mac OS 8.6/9.x

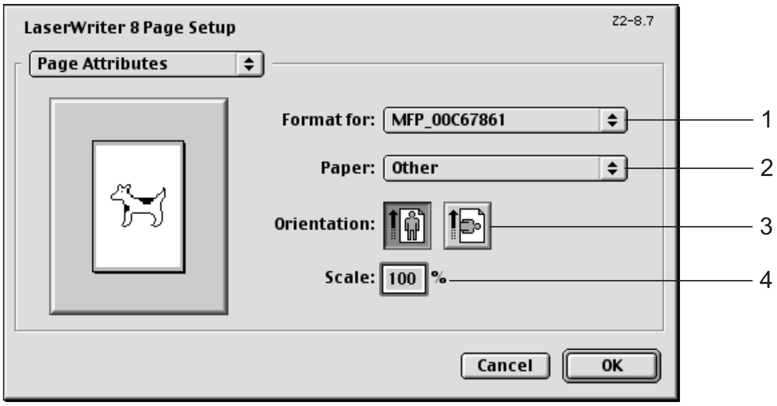
The Page Setup dialog boxes can be displayed by selecting the [Page Setup] command from the [File] menu of the application.
In the Page Setup dialog boxes, you can specify the Page Attribute settings.

Notes

- The Page Setup dialog boxes vary across applications.
- The PostScript Options window contains the setting items that are generally provided by the LaserWriter 8 printer driver. For details of the PostScript Options, please refer to the Balloon Help on the Mac OS.

— Page Attributes

In the Page Attributes menu, you can specify the paper size, orientation, and scale.



Format for: MFP_00C67861

Paper: Other

Scale: 100 %

1) **Format for**
   This selects the printer to be used for printing.

2) **Paper**
   This selects the size of a document to be printed.

   Available original paper sizes are listed below:

   - Letter
   - Ledger
   - Legal
   - Statement
   - Computer
   - 13”LG
   - 8.5”SQ
   - A4
   - A5
   - A3
   - B4
   - B5
   - Folio
   - A6
   - 8K
   - 16K

3) **Orientation**
   This sets the paper printing direction.
   - **Portrait** — The document is printed in the portrait direction.
   - **Landscape** — The document is printed in the landscape direction.

4) **Scale**
   This changes the size of the printed image on the page. Enter the zoom ratio to enlarge or reduce an image. You can set any integer from 25 to 400(%) for the zoom ratio.

Print options for print dialog on Mac OS 8.6/9.x

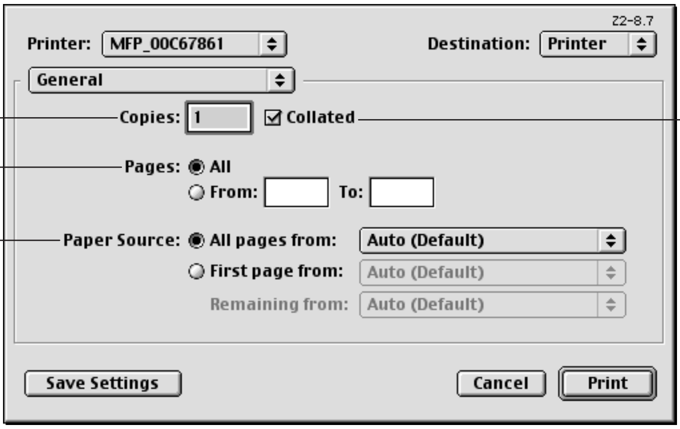
The Print dialog boxes can be displayed by selecting the [Print] command from the [File] menu of the application.
In the Print dialog boxes, you can display the General window, Background Printing window, Color Matching window, Cover Page window, Font Settings window, Job Logging window, Layout window, Finishing Save as File window, Options window, Printing Modes window, Booklet Mode Options window, Watermark Printing Options window, and Quality window.

Note

The Print dialog boxes vary across applications.

— General

In the General menu, you can set the general print options such as number of copies, sort printing.



Printer: MFP_00C67861
Destination: Printer
General
Copies: 1 ☑ Collated
Pages: ● All
○ From: To:
Paper Source: ● All pages from: Auto (Default)
○ First page from: Auto (Default)
Remaining from: Auto (Default)

1) **Copies**
This sets the number of printed copies. You can set any integer from 1 to 9999.

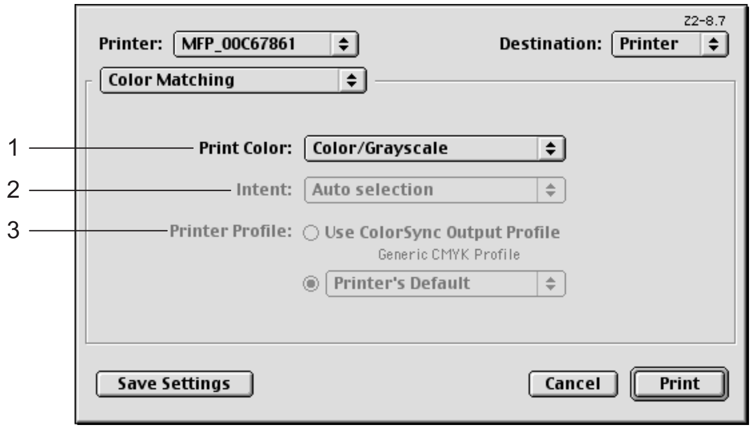
2) **Collated**
Check this for sort-printing (1, 2, 3... 1, 2, 3...)

3) **Pages**
This sets the pages to be printed.
   - **All** — Select this to print all pages.
   - **From/To** — Select this to specify the pages to be printed. Enter the page range in the From and To field.

4) **Paper Source**
This selects the source for feeding paper. Please select a paper source that correlates with the printing size.
   - **All pages from** — Select this to use the same paper source for all pages. Select the paper source or paper type at the pop-up menu on the right.
   - **First page from** — Select this to use the different paper source for the first page from the remaining pages. Select the paper source or paper type for the first page at the pop-up menu on the right.
   - **Remaining from** — Select the paper source or paper type for the remaining pages at the pop-up menu on the right when you select the First page from option.

— Color Matching

This sets the color matching for printing.



Z2-8.7
Printer: MFP_00C67861
Destination: Printer
Color Matching
1
2
3
Print Color: Color/Grayscale
Intent: Auto selection
Printer Profile: ○ Use ColorSync Output Profile
Generic CMYK Profile
● Printer's Default
Save Settings
Cancel
Print

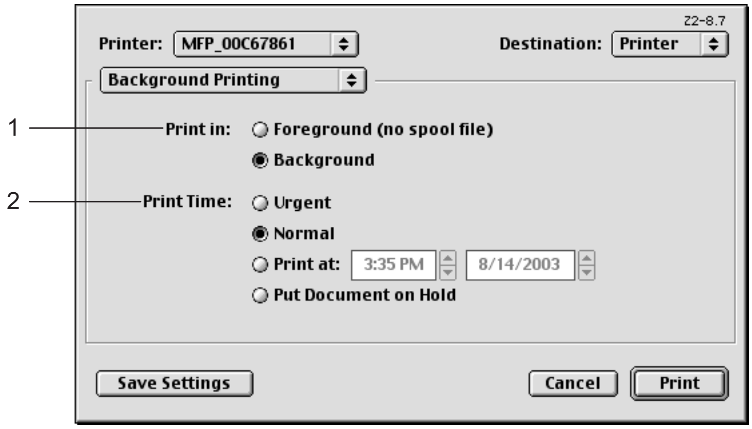
1) Print Color
Select “Color/Grayscale” to print to this equipment. Other selections are not supported by this equipment.

2) Intent
Do not specify this because “ColorSync Color Matching” and “PostScript Color Matching” at the “Print Color” drop down box are not supported.

3) Printer Profile
Do not specify this because “ColorSync Color Matching” and “PostScript Color Matching” at the “Print Color” drop down box are not supported.

— Background Printing

In the Background Printing menu, you can set how the print job is spooled.



Printer: MFP_00C67861

Destination: Printer

Background Printing

Print in: ○ Foreground (no spool file) ● Background

Print Time: ○ Urgent ● Normal ○ Print at: 3:35 PM 8/14/2003 ○ Put Document on Hold

1) **Print in**
   This sets how the print job is spooled.
   - **Foreground (no spool file)** — Select this to disable any operation on the computer until printing is completed.
   - **Background** — Select this to enable any operation on the computer during printing.
2) **Print Time**
   This sets the schedule for printing.
   - **Urgent** — Select this to print a job immediately.
   - **Normal** — Select this to print a job normally.
   - **Print at** — Select this to specify the time that the print job is sent to this equipment. Specify the time and date when this is selected.
   - **Put Document on Hold** — Select this to hold the print job in the desktop print queue. To send the print job held in the desktop print queue, double-click the printer icon on the desktop and activate the print job.

— Save as File

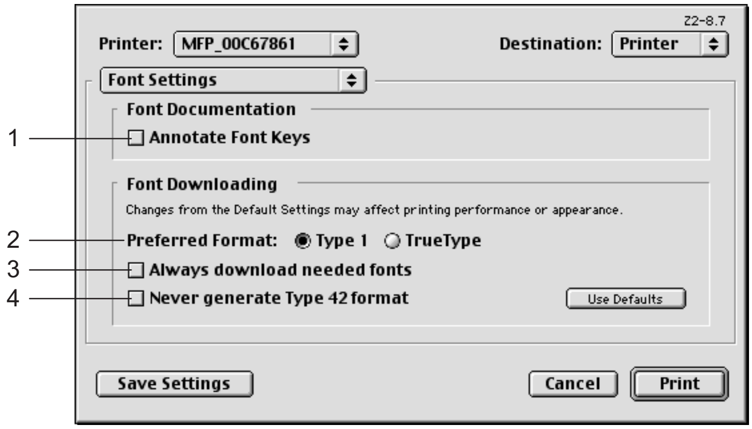
The Save as File window contains the setting items that are generally provided by the LaserWriter 8 printer driver.

Note

For details of the Save as File window, please refer to the Balloon Help on the Mac OS.

— Font Settings

In the Font Settings menu, you can set how the fonts are printed.



Printer: MFP_00C67861

Destination: Printer

Font Settings

Font Documentation

☐ Annotate Font Keys

Font Downloading

Changes from the Default Settings may affect printing performance or appearance.

Preferred Format: ● Type 1 ○ TrueType

☐ Always download needed fonts

☐ Never generate Type 42 format

1) **Annotate Font Keys**
Check this to annotate font keys for printing.

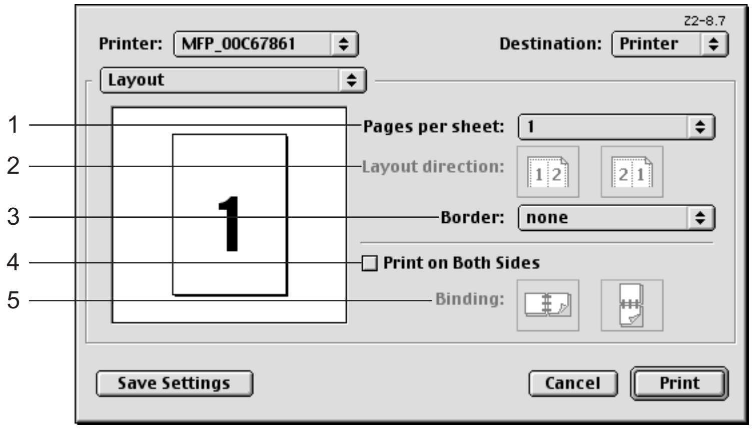
2) **Preferred Format**
This sets the whether Type 1 fonts or TrueType fonts are used for printing.
   - **Type 1** — Select this to print fonts using Type 1 fonts.
   - **TrueType** — Select this to print fonts using TrueType fonts.

3) **Always Download needed fonts**
Check this to always download fonts for printing.

4) **Never generate Type 42 format**
Check this not to generate the Type 42 format.

— Layout

In the Layout menu, you can set N-up printing and 2-Sided printing.



Printer: MFP_00C67861

Destination: Printer

Layout

Pages per sheet: 1

Border: none

☐ Print on Both Sides

1) **Pages per sheet**
   This sets the printing of multiple pages on one sheet. The pages are reduced to fit the selected paper size automatically.
   - **1** — Select this if do not wish to enable N-up printing.
   - **2** — Select this to print images from 2 pages arranged on one sheet.
   - **4** — Select this to print images from 4 pages arranged horizontally and printed top to bottom on one sheet.
   - **6** — Select this to print images from 6 pages arranged horizontally and printed top to bottom on one sheet.
   - **9** — Select this to print images from 9 pages arranged horizontally and printed top to bottom on one sheet.
   - **16** — Select this to print images from 16 pages arranged horizontally and printed top to bottom on one sheet.
   - **4 (Down Before Across)** — Select this to print images from 4 pages arranged vertically from the top and printed horizontally on one sheet.
   - **6 (Down Before Across)** — Select this to print images from 6 pages arranged vertically from the top and printed horizontally on one sheet.
   - **9 (Down Before Across)** — Select this to print images from 9 pages arranged vertically from the top and printed horizontally on one sheet.
   - **16 (Down Before Across)** — Select this to print images from 16 pages arranged vertically from the top and printed horizontally on one sheet.

2) **Layout direction**
   This sets pages to be printed from left to right or right to left. It is available only when the N-up printing (printing a page on multiple sheets) is set.

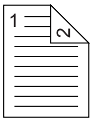
3) **Border**
   Select whether a border line is to be drawn on each page. It is available only when the N-up printing (printing a page on multiple sheets) is set.
   - **None** — Select this if no border line to be drawn.
   - **Single hairline** — Select this to draw a single hairline for the border.
   - **Single thin line** — Select this to draw a single thin line for the border.
   - **Double hairline** — Select this to draw a double hairline for the border.
   - **Double thin line** — Select this to draw a double thin line for the border.

4) **Print on Both Sides**
   Check this to print on both sides of the paper. When checked, select the binding direction at the “Binding” option.

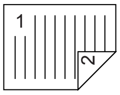
5) **Binding**
This sets the type of binding for 2-sided-printed pages.

- **Long Edge Binding** — Select this to bind along the long edge side of paper. The direction to be printed on the back side of the paper differs depending on the orientation.

Portrait

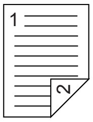


Landscape

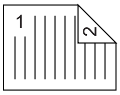


- **Short Edge Binding** — Select this to bind along the short edge side of paper. The direction to be printed on the back side of the paper differs depending on the orientation.

Portrait

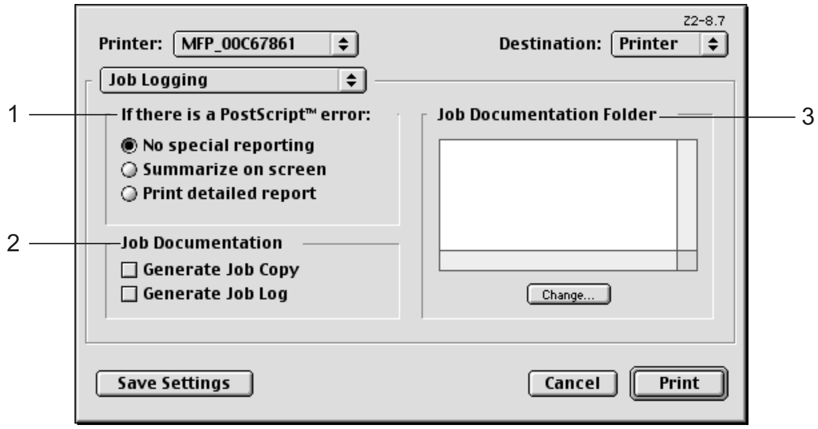


Landscape



— Job Logging

In the Job Logging menu, you can set the error handling and generate job logs.


Z2-8.7
Printer: MFP_00C67861
Destination: Printer
Job Logging
If there is a PostScript™ error:
● No special reporting
○ Summarize on screen
○ Print detailed report
Job Documentation
☐ Generate Job Copy
☐ Generate Job Log
Job Documentation Folder

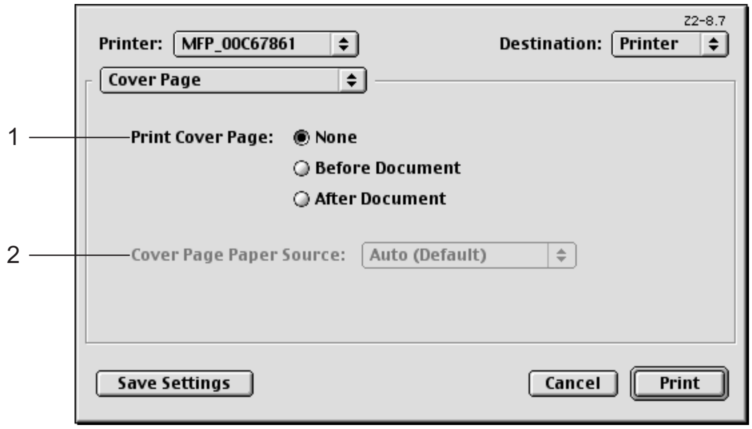
1) **If there is PostScript error**
This sets whether reporting the error or not.
- **No special reporting** — Select this not to report an error.
- **Summarize on screen** — Select this to report on the screen when a PostScript error occurs.
- **Print detailed report** — Select this to print a detailed report when a PostScript error occurs.

2) **Job Documentation**
This sets whether job logs or job copies are generated or not.
- **Generate Job Copy** — Check this to generate a job copy. If enabled, a job copy is generated in the folder which is specified at the “Job Documentation Folder”.
- **Generate Job Log** — Check this to generate a job log. If enabled, a job log is generated in the folder which is specified at the “Job Documentation Folder”.

3) **Job Documentation Folder**
The folder where job copies and job logs are stored is displayed. To change the folder, click [Change] and select a different folder.

— Cover Page

In the Cover Page menu, you can set whether a print job is sent with a banner page. The banner page includes information about owner of the job, job name, application name, date and time, printer name, and number of copies.



Printer: MFP_00C67861

Destination: Printer

Cover Page

Print Cover Page: ● None ○ Before Document ○ After Document

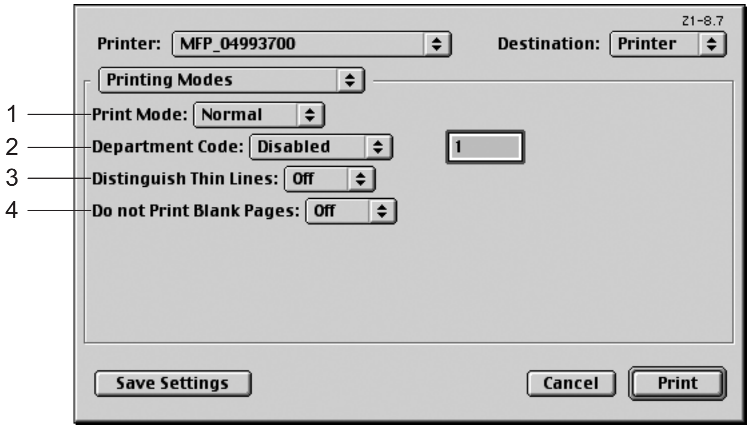
Cover Page Paper Source: Auto (Default)

1) **Print Cover Page**
   This sets how a banner page is inserted.
   - **None** — Select this not to print a banner page.
   - **Before Document** — Select this to print a banner page before the document. When this is selected, select the paper source at the Cover Page Paper Source option.
   - **After Document** — Select this to print a banner page after the document. When this is selected, select the paper source at the Cover Page Paper Source option.

2) **Cover Page Paper Source**
   Select the paper source when you set to print a banner page.

— Printing Modes

In the Printing Mode menu, you can set the way this equipment handles the print job.



Printer: MFP_04993700

Destination: Printer

Printing Modes

Print Mode: Normal

Department Code: Disabled 1

Distinguish Thin Lines: Off

Do not Print Blank Pages: Off

1) **Print Mode**
   This sets the type of print job.
   - **Normal** — Select this to print a job normally.(Not selectable)

2) **Department Code**
   Select whether a department code is required for printing. When this is enabled, specify the 5-digit department code in the field next to the drop down box.
   Enabling the department code depends on whether this equipment is managed with department codes or not. Please ask your administrator for your department code.

   Note

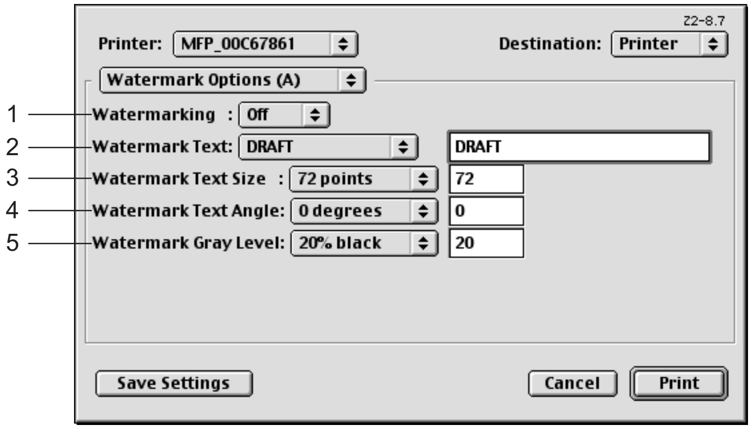
   When printing is made with an invalid department code, the job is deleted.

3) **Distinguish Thin Lines**
   Select whether you require thin line printing.

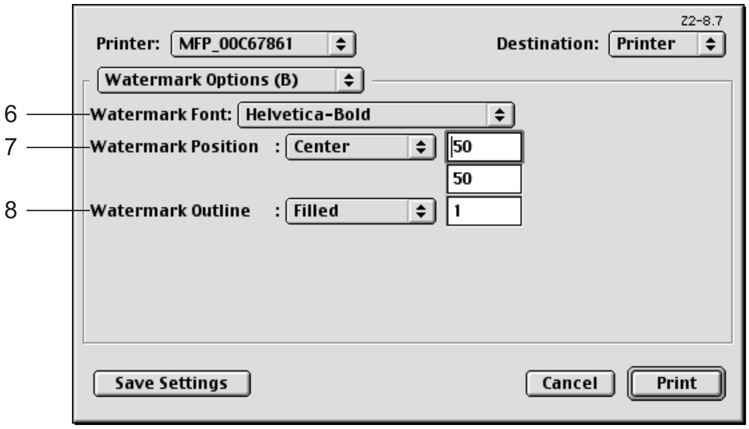
4) **Do not Print Blank Pages**
   Select whether you require printing blank pages.

— Watermark Options

In the Watermark Options (A) and Watermark Options (B) menu, you can enable watermark printing.



Printer: MFP_00C67861
Destination: Printer
Watermark Options (A)
Watermarking : Off
Watermark Text: DRAFT DRAFT
Watermark Text Size : 72 points 72
Watermark Text Angle: 0 degrees 0
Watermark Gray Level: 20% black 20



Printer: MFP_00C67861
Destination: Printer
Watermark Options (B)
Watermark Font: Helvetica-Bold
Watermark Position : Center 50 50
Watermark Outline : Filled 1

1) **Watermarking**
This sets the printing of a watermark.

2) **Watermark Text**
Select the watermark text to be printed. If there is not a preferred watermark in the list, enter the watermark text in the field displayed.

3) **Watermark Text Size**
Select the font size of watermark text. If there is not a preferred font size in the list, enter the font size by points. You can enter from 4 points to 400 points in units of 1 point.

4) **Watermark Text Angle**
Select the degree of angle for rotating the watermark text. If there is not a preferred angle in the list, enter the degrees from -90 to 90 degrees in units of 1 degree.

5) **Watermark Gray Level**
Select the gray level of the watermark text color. If there is not preferred gray level in the list, enter the percentage from 1% to 100% in units of 1%.

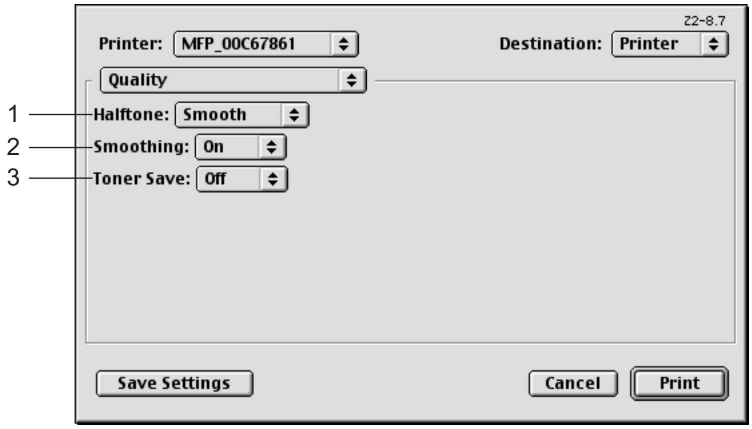
6) **Watermark Font**
Select the font family for the watermark text.

7) **Watermark Position**
Select the position of the watermark text. If there is not preferred position in the list, enter the X position and Y position manually.

8) **Watermark Outline**
Select the outline points or “Filled” to print a watermark as a solid text. If there is not a preferred point listed, enter from 0.1 points to 20 points in units of 0.1 points.

— Quality

In the Quality menu, you can specify various image quality features.



Printer: MFP_00C67861

Destination: Printer

Quality

Halftone: Smooth

Smoothing: On

Toner Save: Off

1) **Halftone**
This sets how halftone is printed.
- **Auto** — select this to print halftone automatically.
- **Detail** — Select this to print halftone in detail.
- **Smooth** — Select this to print halftone smoothly.

2) **Smoothing**
Select whether printing the texts and graphics smoothly.

3) **Toner Save**
Select this to print in the toner save mode.

Printing from application on Mac OS X 10.2.4 to Mac OS X 10.4.x

Once you have installed the PPD file as described in 📖 P.119 “Installing the printer on Mac OS X 10.2.4 to Mac OS X 10.4.x”, you can print directly from most Mac OS applications.

Note

If you print a PDF file with “Preview” application on Mac OS 10.2.x, the page order will be incorrect. Please use Adobe Acrobat Reader.

How to print from Mac OS X 10.2.4 to Mac OS X 10.4.x

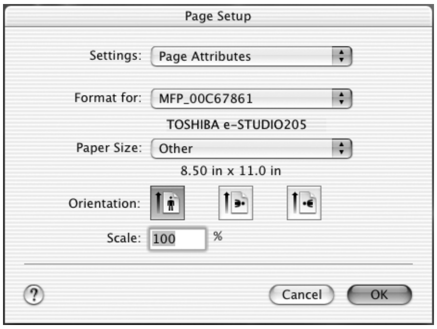
All writers are managed within the Print Center utility and there is no need to switch the printer. Once you add a printer to the Printer List, all printers can be selected directly from Print Setup dialog box.

— Setting options and printing from Macintosh computers

In Mac OS applications, print options are set from both the Page Setup dialog box and the Print dialog box.

Printing from Macintosh applications

1. **Open a file and select [Page Setup] from the [File] menu of the application.**
2. **Select the name of the equipment at the “Format for” drop down box and specify the Page Setup settings for your print job.**

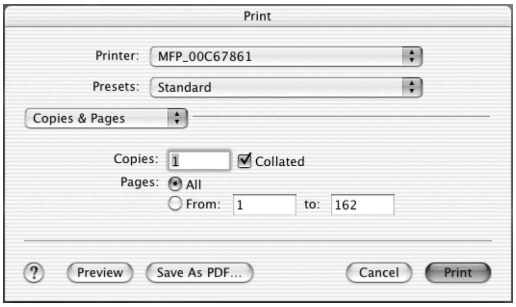


Settings: Page Attributes
Format for: MFP_00C67861
TOSHIBA e-STUDIO205
Paper Size: Other
8.50 in x 11.0 in
Scale: 100 %

Setting the Page Setup varies depending on how you want to print a document.
📖 P.220 “Print options for page setup dialog on Mac OS X 10.2.4 to Mac OS X 10.4.x”

3. **Click [OK] to save the Page Setup settings.**
4. **Select [Print] from the [File] menu of the application.**

5 **In the dialog box that appears, make sure the name of the equipment is selected at the "Printer" menu and specify the Print settings for your print job.**



Print
Printer: MFP_00C67861
Presets: Standard
Copies & Pages
Copies: 1
☑ Collated
Pages: ● All
○ From: 1 to: 162
?
Preview
Save As PDF...
Cancel
Print

Setting the Print Setup varies depending on how you want to print a document.

📖 P.221 "Print options for print dialog on Mac OS X 10.2.4 to Mac OS X 10.4.x"

6 **Click [Print] to print a document.**

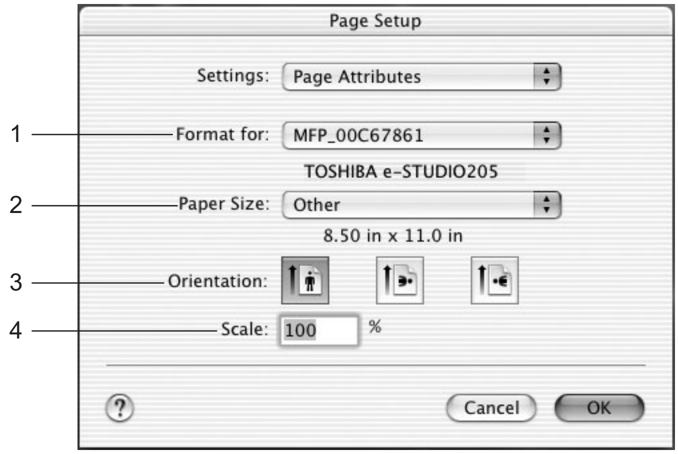
Print options for page setup dialog on Mac OS X 10.2.4 to Mac OS X 10.4.x

The Page Setup dialog boxes can be displayed by selecting the [Page Setup] command from the [File] menu of the application.
In the Page Setup dialog boxes, you can specify the Page Attribute settings.

Note

The Page Setup dialog boxes vary across applications.

— Page Attributes



Settings: Page Attributes
Format for: MFP_00C67861
TOSHIBA e-STUDIO205
Paper Size: Other
8.50 in x 11.0 in
Orientation:
Scale: 100 %

1) **Format for**
This select the printer to be used for printing.

2) **Paper Size**
This selects the size of a document to be printed.
Available original paper sizes are listed below:

- US Letter
- Tabloid (Ledger)
- US Legal
- Statement
- Computer
- 13”LG
- A4
- A5
- A3
- JB4
- JB5
- Folio
- 8K
- 16K

3) **Orientation**
This sets the paper printing direction.
- **Portrait** — The document is printed in the portrait direction.
- **Landscape (90 degree)** — The document is printed in the landscape direction from left.
- **Landscape (270 degree)** — The document is printed in the landscape direction from right.

4) **Scale**
This changes the size of the printed image on the page. Enter the zoom ratio to enlarge or reduce an image. You can set any integer from 25 to 400(%) for the zoom ratio.

Print options for print dialog on Mac OS X 10.2.4 to Mac OS X 10.4.x

The Print dialog boxes can be displayed by selecting the [Print] command from the [File] menu of the application.
In the Print dialog boxes, you can specify the following items:

The menus in the Print dialog box are different between Mac OS 10.2.x, Mac OS X 10.3.x, and 10.4.x. The following table shows the menus that are displayed for each Mac OS version and references the descriptions of the screens.

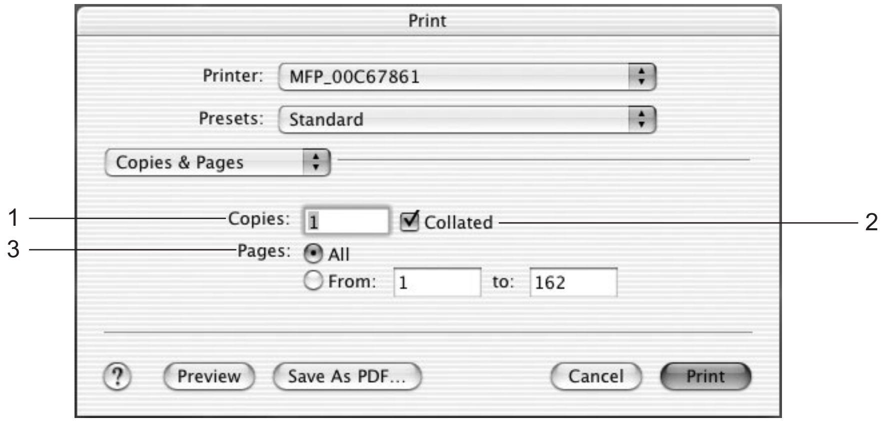
Menu	Submenu	10.2.x	10.3.x	10.4.x	References
Copies & Pages		✓	✓	✓	📖 P.222 “Copies & Pages”
Layout		✓	✓	✓	📖 P.223 “Layout”
Duplex		✓			📖 P.225 “Duplex on Mac OS X 10.2.4 to 10.2.8”
Output Options		✓	✓		📖 P.226 “Output Options on Mac OS X 10.2.4 to 10.2.8/10.3.x”
Scheduler			✓	✓	📖 P.227 “Scheduler on Mac OS X 10.3.x/10.4.x”
Paper Handling			✓	✓	📖 P.228 “Paper Handling on Mac OS X 10.3.x/10.4.x”
ColorSync			✓	✓	📖 P.230 “ColorSync on Mac OS X 10.3.x/10.4.x”
Cover Page			✓	✓	📖 P.230 “Cover Page OS X 10.3.x/10.4.x”
Error Handling		✓	✓	✓	📖 P.231 “Error Handling”
Paper Feed		✓	✓	✓	📖 P.232 “Paper Feed”
Print Mode			✓	✓	📖 P.233 “Print Mode on Mac OS X 10.3.x/10.4.x”
Printer Features	Printing Modes	✓			📖 P.234 “Printing Modes on Mac OS X 10.2.4 to 10.2.8”
	Quality	✓			📖 P.235 “Quality on Mac OS X 10.2.4 to 10.2.8”
	DC	✓			📖 P.236 “Printing Modes DC (Department Code) on Mac OS X 10.2.4 to 10.2.8”
Printer Features			✓	✓	📖 P.237 “Printer Features on Mac OS X 10.3.x/10.4.x”
Summary		✓	✓	✓	📖 P.237 “Summary”

Note

The Print dialog boxes vary across applications.

— Copies & Pages

In the Copies & Pages menu, you can set you can set the general print options such as number of copies, sort printing.



Print

Printer: MFP_00C67861

Presets: Standard

Copies & Pages

Copies: 1 ☑ Collated

Pages: ● All

○ From: 1 to: 162

1) **Copies**
   This sets the number of printed copies. The maximum number of printed copies depends on the OS version.

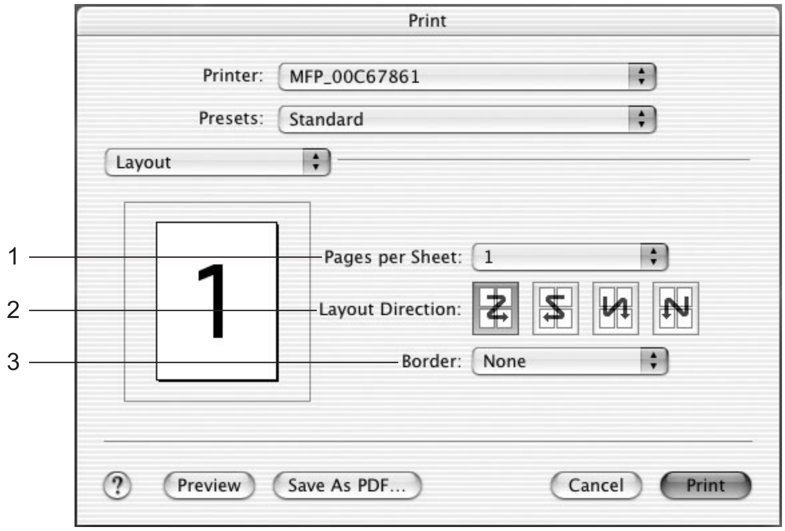
2) **Collated**
   Check this for sort-printing (1, 2, 3... 1, 2, 3...)

3) **Pages**
   This sets the pages to be printed.
   - **All** — Select this to print all pages.
   - **From/To** — Select this to specify the pages to be printed. Enter the page range in the From and To field.

— Layout

In the Layout menu, you can set N-up printing (multiple pages per sheets). The items in the Layout menu vary depending on the Mac OS version.

For Mac OS X 10.2.4 to 10.2.8



Print

Printer: MFP_00C67861

Presets: Standard

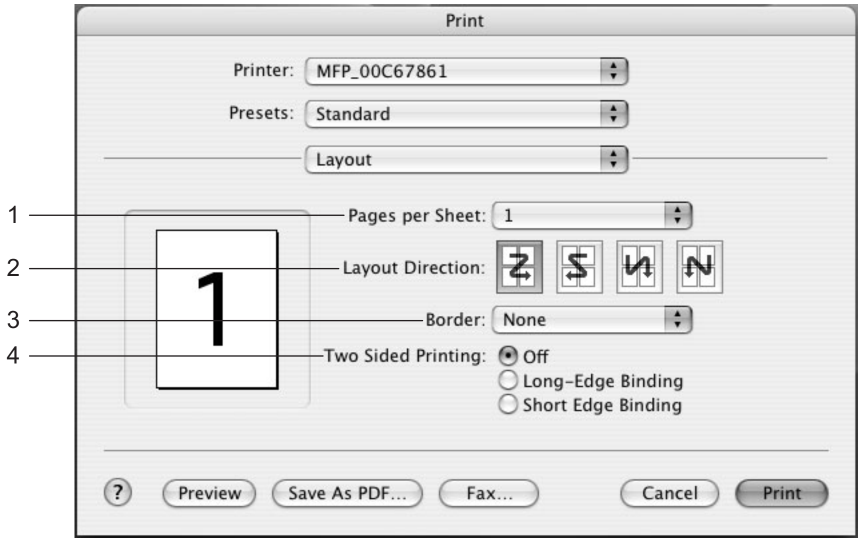
Layout

Pages per Sheet: 1

Layout Direction:

Border: None

For Mac OS X 10.3.x/10.4.x



Print

Printer: MFP_00C67861

Presets: Standard

Layout

Pages per Sheet: 1

Layout Direction:

Border: None

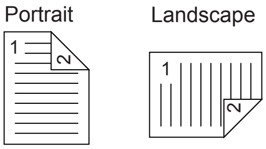
Two Sided Printing: ● Off ○ Long-Edge Binding ○ Short Edge Binding

1) **Pages per Sheet**
   This sets the number of multiple pages printed on one sheet. The pages are reduced to fit the selected paper size automatically and are printed.
   - **1** — Select this if do not wish to enable N-up printing.
   - **2** — Select this to print images from 2 pages arranged on one sheet.
   - **4** — Select this to print images from 4 pages arranged on one sheet.
   - **6** — Select this to print images from 6 pages arranged on one sheet.
   - **9** — Select this to print images from 9 pages arranged on one sheet.
   - **16** — Select this to print images from 16 pages arranged on one sheet.

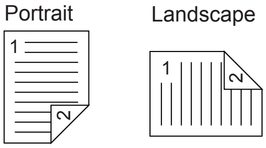
2) **Layout Direction**
This sets how pages are arranged on one sheet. This is available only when the N-up printing (printing a page on multiple sheets) is set.
- **Across Left to Right Before Down** — Pages arranged horizontally from left to right and then top to bottom on one sheet.
- **Across Right to Left Before Down** — Pages arranged horizontally from right to left and then top to bottom on one sheet.
- **Down Before Across Left to Right** — Pages arranged vertically from top to down and then left to right on one sheet.
- **Down Before Across Right to Left** — Pages arranged vertically from top to down and then right to left on one sheet.

3) **Border**
Select if a border line is to be drawn on each page. This is available only when the N-up printing (printing a page on multiple sheets) is set.
- **None** — Select this if no border line is to be drawn.
- **Single hairline** — Select this to draw single hairline for the border.
- **Single thin line** — Select this to draw single thin line for the border.
- **Double hairline** — Select this to draw double hairline for the border.
- **Double thin line** — Select this to draw double thin line for the border.

4) **Two Sided Printing**
This sets whether or not you want to print on both sides of the paper.
- **Off** — Select this when you do not want to print on both sides of the paper.
- **Long Edge Binding** — Select this to bind along the long edge side of paper. The direction to be printed on the back side of the paper differs depending on the orientation.



- **Short Edge Binding** — Select this to bind along the short edge side of paper. The direction to be printed on the back side of the paper differs depending on the orientation.



Note

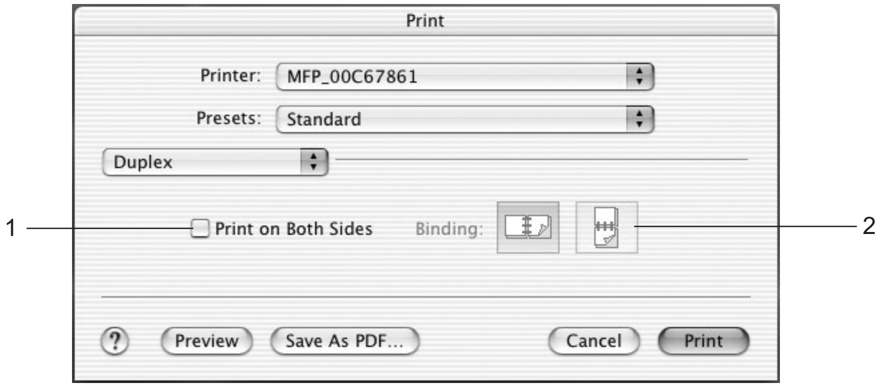
This option is not displayed for Mac OS X 10.2.4 to 10.2.8. When you want to enable 2-Sided printing on Mac OS X 10.2.4 to 10.2.8, set the Duplex settings in the Duplex menu.
📖 P.225 “Duplex on Mac OS X 10.2.4 to 10.2.8”

— Duplex on Mac OS X 10.2.4 to 10.2.8

In the Duplex menu, you can set 2-Sided printing (printing on both sides of a sheet).

Note

This menu is only displayed for Mac OS X 10.2.4 to 10.2.8. When you want to enable 2-Sided printing on Mac OS X 10.3.x/10.4.x, set the Two Sided Printing option in the Layout menu.
🕮 P.223 “Layout”



Print

Printer: MFP_00C67861

Presets: Standard

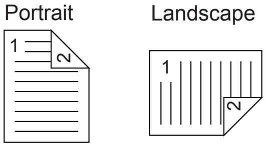
Duplex

☐ Print on Both Sides

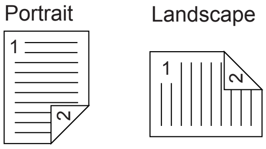
1) Print on Both Sides
Check this to print on both sides of the paper. When this is checked, select the binding direction at the “Binding” option.

2) Binding
This sets the type of binding for 2-sided printed pages.

- **Off** — Select this when you do not want to print on both sides of the paper.
- **Long Edge Binding** — Select this to bind along the long edge side of paper. The direction to be printed on the back side of the paper differs depending on the orientation.

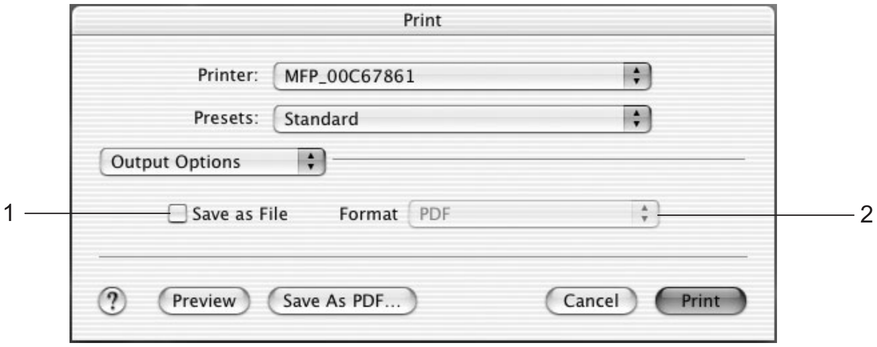


- **Short Edge Binding** — Select this to bind along the short edge side of paper. The direction to be printed on the back side of the paper differs depending on the orientation.



— Output Options on Mac OS X 10.2.4 to 10.2.8/10.3.x

In the Output Options menu, you can save a print job as a file.

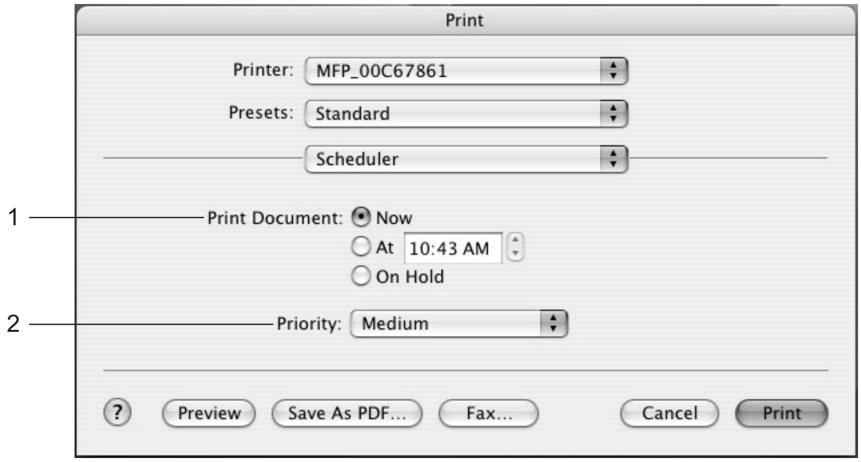

Print
Printer: MFP_00C67861
Presets: Standard
Output Options
☐ Save as File
Format PDF
1
2
?
Preview
Save As PDF...
Cancel
Print

1) **Save as File**
Check this to save a print job as a file. When this is checked, select the file type at the "Format" drop down box.

2) **Format**
This sets the format of a file to be saved.
   - **PDF** — Select this to save a print job as a PDF file.
   - **PostScript** — Select this to save a print job as a PS file.

— Scheduler on Mac OS X 10.3.x/10.4.x

In the Scheduler menu, you can set when a print job will be sent to the equipment.



Printer: MFP_00C67861

Presets: Standard

Scheduler

Print Document: ● Now
○ At 10:43 AM
○ On Hold

Priority: Medium

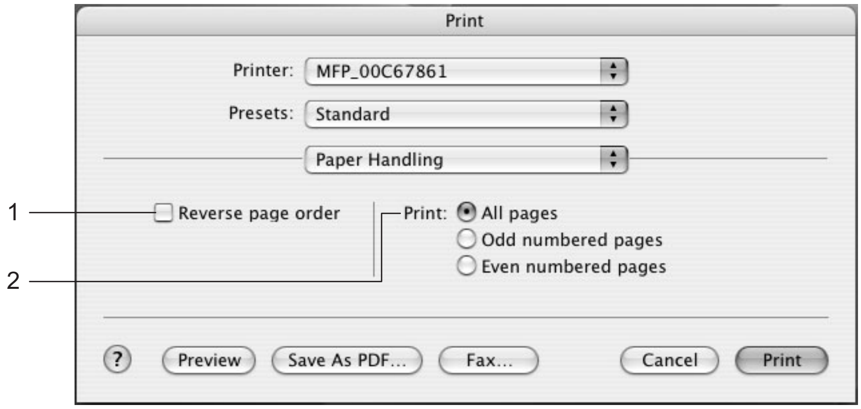
1) **Print Document**
   This sets when a print job will be sent to the equipment.
   - **Now** — Select this to send a print job now.
   - **At** — Select this to specify the time to send a print job. When you select this, specify the time to be send. The print job will be held in the queue on Mac OS until the specified time has been reached or you resume the print job to be sent from the queue on Mac OS.
   - **On Hold** — Select this to hold a print job in the queue on Mac OS. When you select this, the print job will be held in the queue on Mac OS until you resume the print job to be sent from the queue on Mac OS.

2) **Priority**
   Select the priority of a print job from “Emergency”, “High”, “Mid”, and “Low”.

— Paper Handling on Mac OS X 10.3.x/10.4.x

In the Paper Handling menu, you can set Reverse page order printing and Odd or Even numbered page printing.

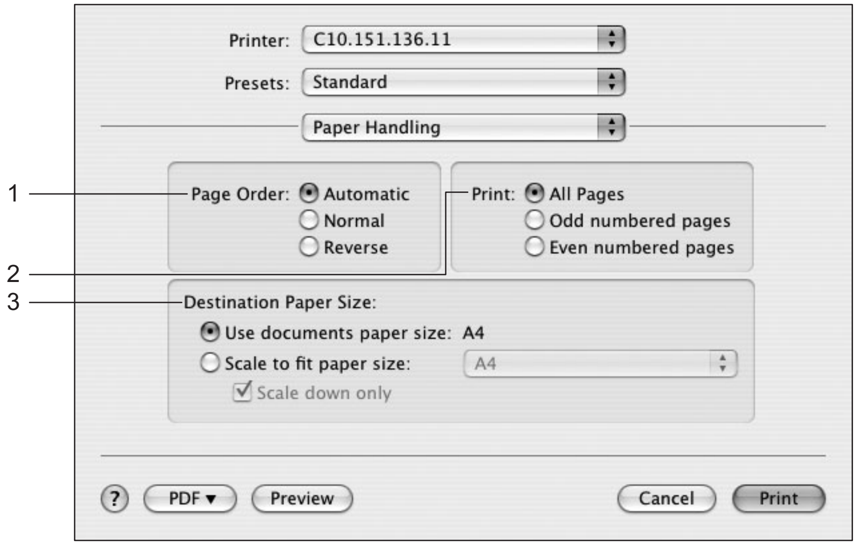
On Mac OS X 10.3.x


Print
Printer: MFP_00C67861
Presets: Standard
Paper Handling
1
☐ Reverse page order
2
Print: ● All pages
○ Odd numbered pages
○ Even numbered pages
?
Preview
Save As PDF...
Fax...
Cancel
Print

1) **Reverse page order**
Check this when you want to print a document from the end of page.

2) **Print**
Select whether all pages will be printed or only odd or even pages will be printed.

On Mac OS X 10.4.x


1
2
3
Printer: C10.151.136.11
Presets: Standard
Paper Handling
Page Order: ● Automatic
○ Normal
○ Reverse
Print: ● All Pages
○ Odd numbered pages
○ Even numbered pages
Destination Paper Size:
● Use documents paper size: A4
○ Scale to fit paper size: A4
☑ Scale down only
?
PDF ▾
Preview
Cancel
Print

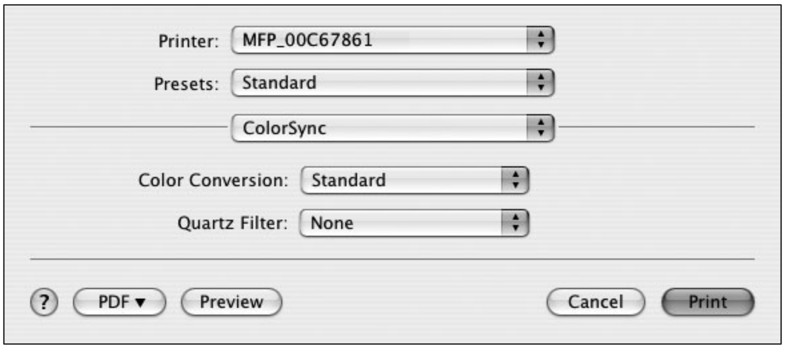
1) **Page Order**
   Select the page order to print.
   - **Automatic** —Select this to print in the page order automatically selected.
   - **Normal** —Select this to print from the first to the last page in order.
   - **Reverse** —Select this to print from the last to the first page in order.

2) **Print**
   Select whether all pages will be printed or only the odd or even pages will be printed.

3) **Destination Paper Size**
   Select the paper size for printouts.
   - **Use documents paper size** —Check this to select A4/LT for printouts.
   - **Scale to fit paper size** —Select the desired paper size for printouts in the drop down box. When you check “Scale down only”, you can only select the same size or smaller than the originals.

— ColorSync on Mac OS X 10.3.x/10.4.x

This feature is not supported.



Printer: MFP_00C67861

Presets: Standard

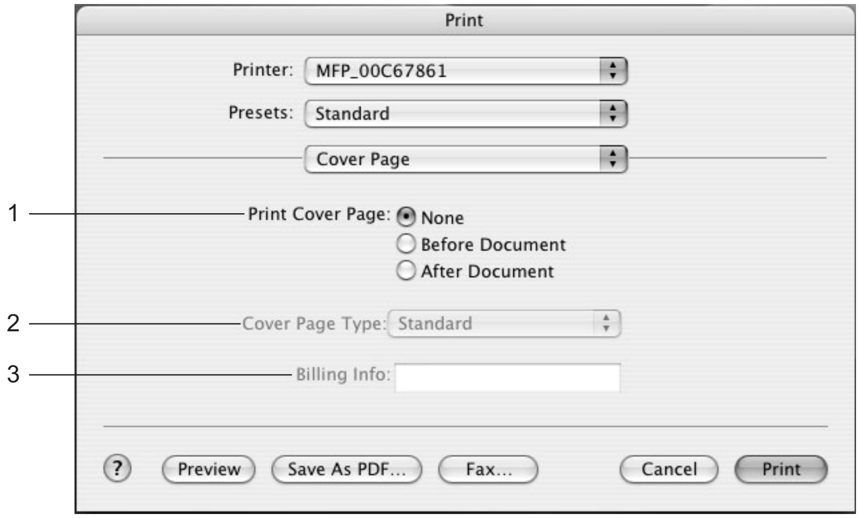
ColorSync

Color Conversion: Standard

Quartz Filter: None

— Cover Page OS X 10.3.x/10.4.x

In the Cover Page menu, you can set whether a print job is sent with a banner page.
The banner page includes information about owner of the job, job name, application name, date and time, printer name, and number of copies.



Print

Printer: MFP_00C67861

Presets: Standard

Cover Page

Print Cover Page: ● None ○ Before Document ○ After Document

Cover Page Type: Standard

Billing Info:

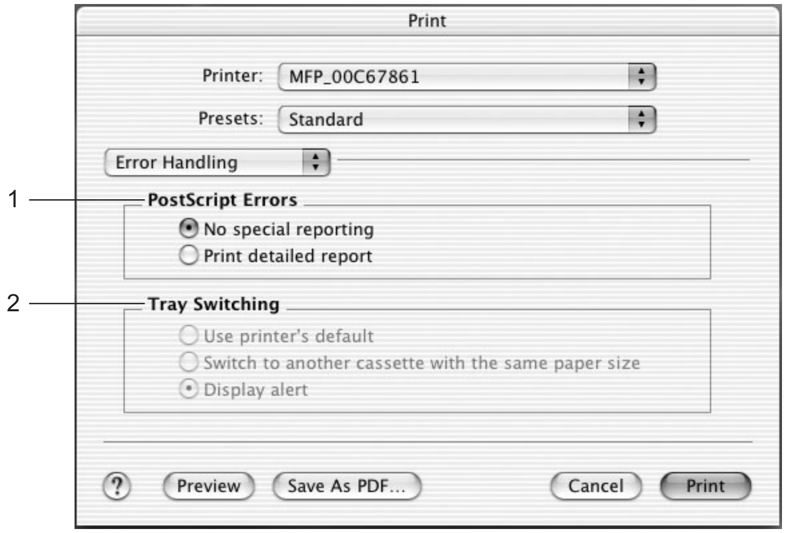
1) **Print Cover Page**
This sets how a banner page is inserted.
   - **None** — Select this not to print a banner page.
   - **Before Document** — Select this to print a banner page before the document.
   - **After Document** — Select this to print a banner page after the document.

2) **Cover Page Type**
Select the type of a banner page.

3) **Billing Info**
Enter the billing information to have it appear on the banner page. The number of characters you can enter differs depending on the OS version.

— Error Handling

In the Error Handling menu, you can set how to report a PostScript error.



Printer: MFP_00C67861

Presets: Standard

Error Handling

PostScript Errors
- ● No special reporting
- ○ Print detailed report

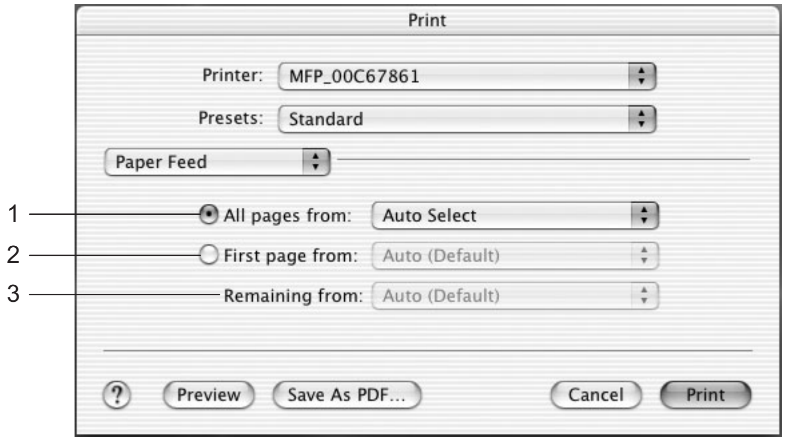
Tray Switching
- ○ Use printer's default
- ○ Switch to another cassette with the same paper size
- ● Display alert

1) **PostScript Errors**
   This sets whether or not you want to print a PostScript error report.
   - **No special reporting** — Select this if you do not want to print PostScript error information.
   - **Print detailed report** — Select this to print PostScript error information.

2) **Tray Switching**
   This is not supported by this equipment.

— Paper Feed

In the Paper Feed menu, you can set the paper source.



Printer: MFP_00C67861

Presets: Standard

Paper Feed

● All pages from: Auto Select

○ First page from: Auto (Default)

Remaining from: Auto (Default)

1) **All pages from**
   Select the option button when you want to use same paper source for all pages. When this is selected, select the paper source to be used at the drop down menu.

2) **First page from**
   Select the option button when you want to specify different paper source for a first page and remaining pages. When this selected, select the paper source to be used for a first page at the drop down menu.

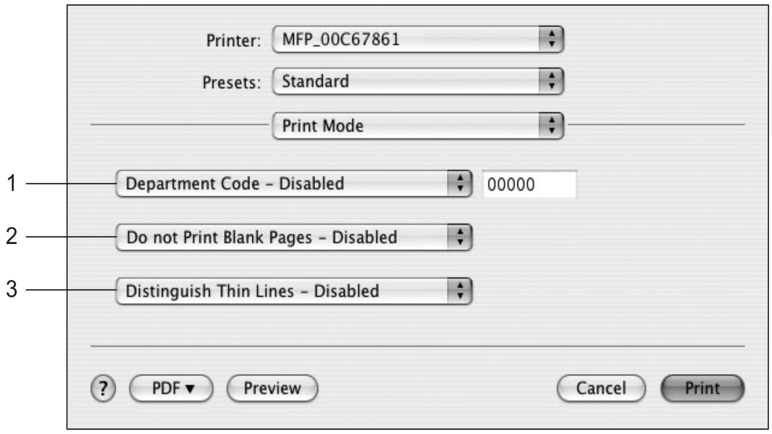
3) **Remaining from**
   Select the paper source to be used for remaining pages in the drop down menu. This can be selected only when you select the option button of the “First page from” option.

— Print Mode on Mac OS X 10.3.x/10.4.x

In the Print Mode menu, you can set the way this equipment handles the print job.

Note

This menu is only displayed for Mac OS X 10.3.x/10.4.x. When you want to set the printing mode in Mac OS X 10.2.4 to 10.2.8, set in the Printing Modes submenu in the Printer Features menu.
P.234 “Printing Modes on Mac OS X 10.2.4 to 10.2.8”



Printer: MFP_00C67861
Presets: Standard
Print Mode
Department Code - Disabled 00000
Do not Print Blank Pages - Disabled
Distinguish Thin Lines - Disabled

1) **Department Code**
Select whether a department code is required for printing. When this is enabled, specify the 5-digit department code in the field next to the drop down box.
Enabling the department code depends on whether this equipment is managed with department codes or not. Please ask your administrator for your department code.
When printing is made with an invalid department code, the job is deleted.

2) **Do not Print Blank Pages**
Select whether you require printing blank pages.

3) **Distinguish Thin Lines**
Select whether you require printing thin lines clearly.

— Printer Features on Mac OS X 10.2.4 to 10.2.8

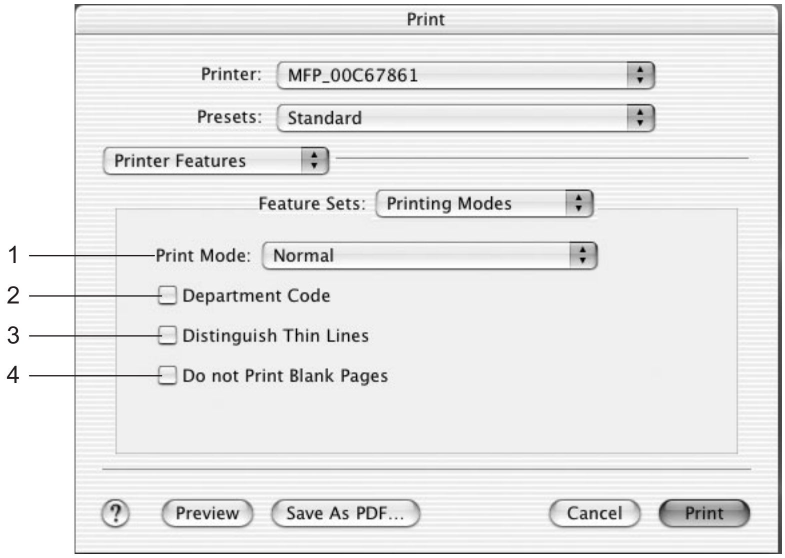
In the Printer Features menu, you can set special printing features.

Printing Modes on Mac OS X 10.2.4 to 10.2.8

In the Printing Modes menu, you can set the way this equipment handles the print job.

Note

This menu is only displayed for Mac OS X 10.2.4 to 10.2.8. When you want to set the printing mode in Mac OS X 10.3.x/10.4.x, set in the Print Mode menu.
📖 P.233 "Print Mode on Mac OS X 10.3.x/10.4.x"



Print
Printer: MFP_00C67861
Presets: Standard
Printer Features
Feature Sets: Printing Modes
Print Mode: Normal
☐ Department Code
☐ Distinguish Thin Lines
☐ Do not Print Blank Pages

1) **Print Mode**
This sets the type of print job.
   - **Normal** — Select this to print a normal job. (Not selectable)

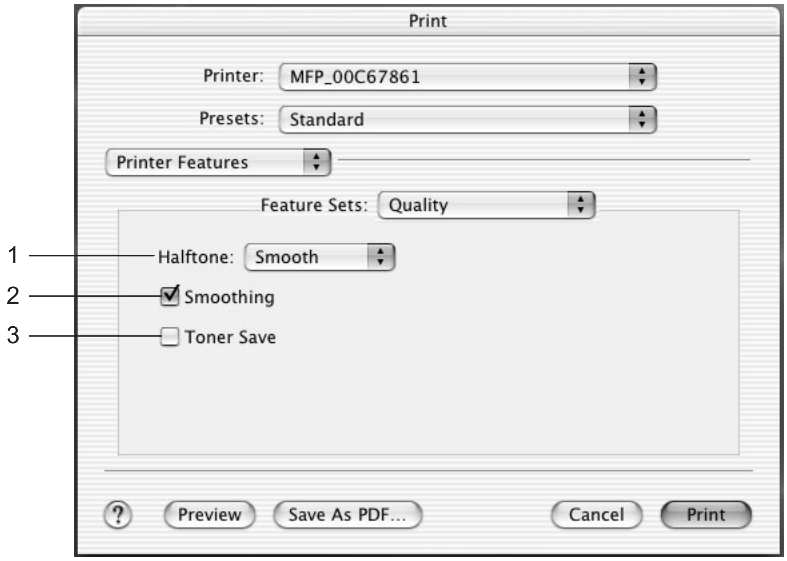
2) **Department Code**
Check this if a department code is required for printing. When this is enabled, specify the 5-digit department code in the DC menu.
Enabling the department code depends on whether this equipment is managed with department codes or not. Please ask your administrator for your department code.
When printing is made with an invalid department code, the job is deleted.

3) **Do not Print Blank Pages**
Select whether you require printing blank pages.

4) **Distinguish Thin Lines**
Check this to print thin lines clearly.

Quality on Mac OS X 10.2.4 to 10.2.8

In the Quality menu, you can specify various image quality features.



Printer: MFP_00C67861
Presets: Standard
Feature Sets: Quality
Halftone: Smooth
☑ Smoothing
☐ Toner Save

1) **Halftone**
   This sets how halftone is printed.
   - **Auto** — Select this to print automatically using proper halftone depending on the contents in the document. When this is selected, halftone is printed in detail for text, and smoothly for graphics.
   - **Detail** — Select this to print halftone in detail.
   - **Smooth** — Select this to print halftone smoothly.

2) **Smoothing**
   Select whether printing the texts and graphics smoothly.

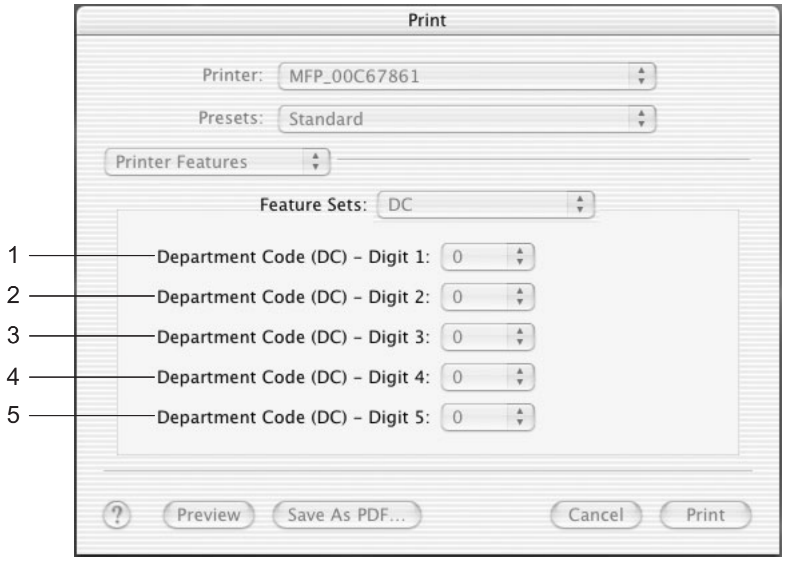
3) **Toner Save**
   Select this to print in the toner save mode.

Printing Modes DC (Department Code) on Mac OS X 10.2.4 to 10.2.8

In the DC menu, you can specify your department code, if this equipment is enabled the department codes. Before specifying the department code, you must check the Department Code option in the Printing Modes menu. Then specify the department code in this menu.

Note

This menu is only displayed for Mac OS X 10.2.4 to 10.2.8. When you want to set the department code in Mac OS X 10.3.x/10.4.x, set in the Print Mode menu.
📖 P.233 "Print Mode on Mac OS X 10.3.x/10.4.x"



Printer: MFP_00C67861
Presets: Standard
Printer Features
Feature Sets: DC
Department Code (DC) – Digit 1: 0
Department Code (DC) – Digit 2: 0
Department Code (DC) – Digit 3: 0
Department Code (DC) – Digit 4: 0
Department Code (DC) – Digit 5: 0

Note

When printing is made with an invalid department code, the job is deleted. (If the "Enable SNMP Communication" check box of the Configuration tab menu of the printer is checked, an error message appears before the job is deleted.)

1) **Department Code (DC) - Digit 1**
Select the first digit of the department code.

2) **Department Code (DC) - Digit 2**
Select the second digit of the department code.

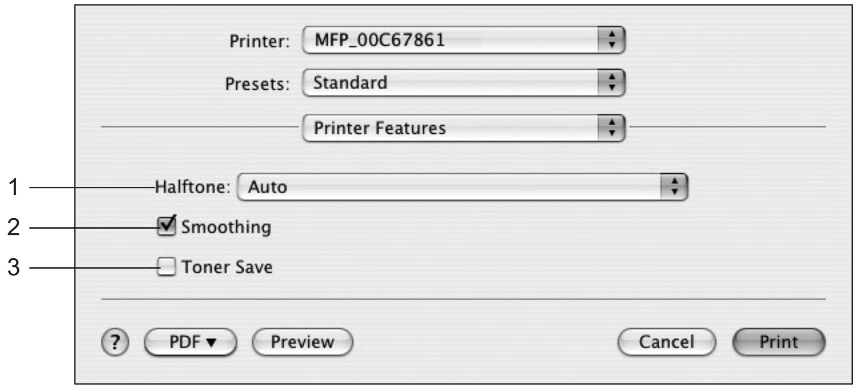
3) **Department Code (DC) - Digit 3**
Select the third digit of the department code.

4) **Department Code (DC) - Digit 4**
Select the forth digit of the department code.

5) **Department Code (DC) - Digit 1**
Select the fifth digit of the department code.

— Printer Features on Mac OS X 10.3.x/10.4.x

In the Quality menu, you can specify various image quality features.



Printer: MFP_00C67861

Presets: Standard

Printer Features

Halftone: Auto

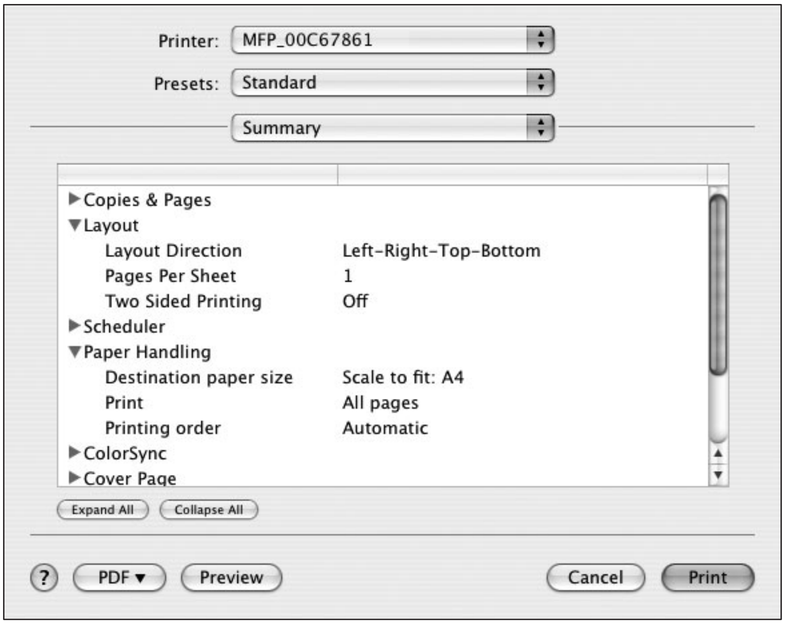
☑ Smoothing

☐ Toner Save

1) **Halftone**
   This sets how halftone is printed.
   - **Auto** — Select this to print automatically using proper halftone depending on the contents in the document. When this is selected, halftone is printed in detail for text, and smoothly for graphics.
   - **Detail** — Select this to print halftone in detail.
   - **Smooth** — Select this to print halftone smoothly.
2) **Smoothing**
   Select whether printing the texts and graphics smoothly.
3) **Toner Save**
   Select this to print in the toner save mode.

— Summary

Lists the setting contents of the Print dialog boxes.



Printer: MFP_00C67861

Presets: Standard

Summary

▶Copies & Pages
▼Layout
    Layout Direction: Left-Right-Top-Bottom
    Pages Per Sheet: 1
    Two Sided Printing: Off
▶Scheduler
▼Paper Handling
    Destination paper size: Scale to fit: A4
    Print: All pages
    Printing order: Automatic
▶ColorSync
▶Cover Page

Printing from UNIX

Printing from an application

The printing method differs depending on your application. Refer to the manual of the application.

Note

When printing is made with an invalid department code, the job is deleted.

4

TROUBLESHOOTING

This section describes about troubleshooting for printing features.

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Printer Driver Errors....................241

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When Printing Cannot Be Performed

Note

This problem can arise as the result of a hardware malfunction, a network communication or configuration problem. Before troubleshooting the client error, ask your administrator to troubleshoot the hardware or network errors. Those troubleshooting are described in the ***Quick Start Guide for Printing Functions***.

The following checklist helps you identify the source of the error and directs to you where you can find more information about resolving it.

Client error for Windows platform

No	Check...	Yes	No	For Instruction, Go To...
1	Did you mapped to the correct network port?	**End**	⇨	🕮 P.242 “Driver Mapped to Wrong Port”

Client error for Macintosh platform

No	Check...	Yes	No	For Instruction, Go To...
1	Is this equipment you created selected in the Chooser?	**End**	⇨	🕮 P.113 “Installing the printer on Mac OS 8.6/9.x”

Printer Driver Errors

Printer driver installation error messages

Setup Needs to Copy Windows NT Files

Problem Description

The wrong port type was selected from the Printer Ports dialog.

Corrective Action

1. Click Cancel until the Add Printer Wizard terminates.
2. Double-click Add Printer from the Printers folder but, when prompted to select a port, choose Local Port.

Client Software CD Now Required

Problem Description

When adding a new printer driver, the end user did not choose the Have Disk option; instead, he selected the printer name from the Add Printer list.

Corrective Action

1. Cancel the Add Printer Wizard.
2. Double-click Add Printer from the Printers folder but, when prompted to locate the driver, click Have Disk.
3. Select Use Existing Driver to add another copy of an existing driver or browse to the subdirectory that contains the appropriate *.inf file.

File *.DRV on Client CD Count Not Be Found

Problem Description

When adding a new printer driver, the user did not choose the Have Disk option but selected the printer name from the Add Printer list.

Corrective Action

1. Cancel the Add Printer Wizard.
2. Double-click Add Printer from the Printers folder, but when prompted to locate the driver, click Have Disk.
3. Browse to the subdirectory that contains the appropriate *.inf file.

Location Does Not Contain Information About Your Hardware

Problem Description

The path to the *.inf file selected during driver installation is too far away. In other words, there are too many characters in the directory path.

Corrective Action

Copy the directory containing the *.inf file to the local drive and resume installation.

This Port is Currently in Use

Problem Description

The driver was either open, printing a job, or is in use by another printer or application, when you attempted to delete it.

Corrective Action

Make sure all print jobs have completed before deleting a port. If there are still problems, exit all applications and try again. Check each driver to see if another driver is using the same port. If so, first change the driver’s port setting and delete the port.

Problem with the Current Printer Setup

Problem Description

The driver was not set up properly, possibly because the installation procedure did not complete.

Corrective Action

Delete the driver and reinstall it from the distribution CD-ROM.

Printer driver general errors

Driver Mapped to Wrong Port

Problem Description

If the printer driver on a client workstation points to the wrong network port, jobs do not appear in the current jobs queue or print out.

Corrective Action

1. Open the Printers folder from the Control Panel.
2. Right-click the printer driver icon.
3. Select Properties from the shortcut menu.
4. Depending on the operating system, select the following tab:
    - In Windows 98/Me — Select Details. Browse to select the printer or Novell queue.
    - In Windows NT 4.0/2000/XP/Server 2003 — Select Ports. Add a new port and map it to the printer.
5. Make sure that the path to the printer and the device name are correct.
   \\<device name>\print
    - Where <device name> is the same as the device name set from the Control Panel.
6. Click the General Tab and click Print Test Page to confirm that the settings are correct.

Command Line Options Not Processed

Problem Description

All print options are sent to this equipment at the start of the print job. If the print file already contains print commands, they override the command line options you set. For example, if the print file specifies the Letter media, and you specify the A4 media option with the lp command, the document is output on letter size paper (provided, of course, that all copier-related restrictions have been met).

Corrective Action

Change the properties in the document you want to print and recreate the print file. Submit the print job using the LP command without setting additional parameters.

Retrieval of Printer Configuration Failed

Problem Description

When accessing the printer properties, the system displayed “Retrieval of printer configuration failed”.

Corrective Action

If the printer driver cannot communicate with this equipment — Verify that the system is running. If not, turn it on. Connect to this equipment via TopAccess. If you cannot connect, reboot this equipment. If that fails, check the printer driver port assignment to make sure it is correct.

Cannot Print a Job as Expected Using PS Printer Driver

Problem Description

When printing with the PS3 printer driver from the application that creates the PostScript code for printing such as Adobe Acrobat, the following print options may not work correctly.

- Manual Scale
- Print Paper Size
- Paper Type
- User Front Cover
- User Back Cover
- Booklet
- Multiple Pages per Sheet
- All options in the Effect tab
- All options in the Image Quality tab

Also, printing may not be performed properly in some applications due to garbled letters, etc.

Corrective Action

Disable “Use PostScript Passthrough” in the PostScript Settings dialog box and print a document.

Cannot Change Settings on Fonts Tab and Configuration Tab

Problem Description

The Fonts Tab and Configuration tab are grayed out and they cannot be modified.

Corrective Action

Users who do not have the privilege to change the printer driver setting cannot change the options in the Fonts Tab and Configuration tab. Please log in with Administrator or Power User.

Cannot perform printing

Problem Description

Printing cannot be performed occasionally in Windows98 and Windows Me.

Corrective Action

This problem may be corrected by the following workaround.

1. Press the [Start] button, select the [Settings] and then [Printers] button.
2. Select “TOSHIBA e-STUDIO205 series PCL6” or “TOSHIBA e-STUDIO205 series PSL3”, right-click on it, and then select the [Properties] button.
3. Open the [Details] tab.
4. Press the [Spool Settings…] button.
5. Select “Spool print jobs so program finishes printing faster” and then “Start printing after last page is spooled”.

5

APPENDIX

This section describe about the following contents.

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Managing Fonts with Font Manager

The Font Manager program can be used to manage your fonts in Windows. This program can be launched by clicking [Run Font Manager] on the Fonts tab of the printer driver.

It can:
- Search your local and network drives for fonts.
- Install and uninstall fonts in Windows.
- Remove fonts from your computer.
- Preview or print the fonts on your computer or network.
- Create font groups for personal or workgroup projects.
- Sort your fonts in a variety of ways, etc.

Installing Font Manager

The Font Manager can be installed from the Client Utilities CD-ROM. To install the Font Manager for e-STUDIO205 Series, double-click the “Setup.exe” file in the Client Utilities CD-ROM and follow the screens.

Searching fonts

The first time you start Font Manager, the Find Fonts dialog box appears automatically. Before installing a font in Windows, you have to search the available fonts that can be installed by Font Manager 2000.

Searching fonts

1. **Click the [Fonts] menu and select [Search for Fonts...].**
   The Find Fonts dialog box appears.
2. **Select which drive you want to search for fonts.**
   Selected Drives — Select this to choose one of the drives when searching for fonts.
   All Drives — Select this to search on all drives when searching for fonts.
   Selected Paths — Select this to enter the path to the drive when searching for fonts. Enter the path to the drive you want to search when you select this.
3. **Click [OK].**
   - When you select “Selected Drives”, Continue to the next step.
   - When you select “All Drives”, skip to Step 6.
   - When you select “Selected Paths”, skip to Step 6.
4. **The Select Drives dialog box appears.**
5. **Select a drive to search for fonts from the list and click [OK].**
6. **Searching for fonts begins. The Search for fonts... dialog box is displayed while searching for fonts.**
   If you cancel to search for fonts, click [Stop].
7. **The searched fonts are displayed at the Available Font list.**

Installing fonts in Windows

After searching the fonts, you can install them in Windows. Once the fonts are installed in Windows, the fonts can be displayed on the dialog box in applications and printed by the machine.

Installing the TrueType fonts

1. **Highlight the fonts you want to install in Windows from the "Available Font List".**
2. **Click the [Fonts] menu and select [Install].**
3. **The fonts are installed in Windows and added to the installed fonts list.**

Uninstalling fonts in Windows

You can uninstall the fonts in Windows. However, even if you uninstall the fonts from Windows, the source files of the uninstalled fonts are not deleted from the drive.

Uninstalling the TrueType fonts

1. **Highlight the fonts you want to uninstall from Windows from the installed fonts list.**
2. **Click the [Fonts] menu and select [Un-install].**
3. **The fonts are uninstalled from Windows. The uninstalled fonts are added to the "Available Fonts List".**

Removing fonts from the computer

You can remove from your computer the fonts that no longer be required. Even if you uninstall the fonts from Windows, the source files of the uninstalled fonts are not deleted from the hard drive. You can remove the sources of the uninstalled fonts from your computer by this function. Before removing the fonts, the fonts must be uninstalled from Windows first.

Removing the TrueType font files from your computer

1. **Highlight the fonts you want to remove from your computer in the installed fonts list.**
2. **Click the [Fonts] menu and select [Remove Font].**
3. **The Remove Fonts dialog box appears.**
4. **Check on the box for "Delete font(s) from the hard disk" and click [OK].**

   If you do not check on the checkbox for "Delete font(s) from the hard disk", the source of the fonts are not deleted from the hard disk. If you want to remove the fonts from the Available Font List but do not want to delete the source file, do not check this checkbox.
5. **The source files of the fonts are deleted from the hard drive.**

Displaying font preview

You can preview the fonts that are displayed in the Available Font List and the installed fonts list.

Previewing fonts

1. **Highlight a font you want to preview from the Available Font List or the installed fonts list.**
2. **Click [Fonts] menu and select [Preview].**
3. **The Preview dialog box appears. The sample font is displayed on the dialog box.**
   Point Size — You can select the point size of the sample font displayed.
   Normal Styles — When this is selected, the font is displayed in the normal face on the dialog box.
   All Styles — When this is selected, the font is displayed in all of its available font faces in the dialog box.

Creating a font group

You can create a group of fonts and give a descriptive name to the group. The created group can be used to install or uninstall the fonts in Windows. This function can be used to configure the different working scenarios of the fonts for each user.

Creating a font group

1. **Select the Font Groups folder and click the [Fonts] menu and select [New Group...].**
   - The New Group dialog box appears.
2. **Enter the group name in the Group Name field.**
3. **In the All Available Fonts, expand each folder and select the fonts that you want to add to the group.**
4. **Click [Add>>].**
   The selected fonts are added to the Fonts in Group list.
5. **Click [OK].**
6. **The created group is added to the Font Groups list.**

Sorting fonts in the list

You can sort and change the order of fonts to be displayed in the Available Font and Installed Fonts list.

Sorting by name

Click the [Sort] menu and click [Sort by Name]. The fonts are listed alphabetically by the font family name.

Sorting by font type

Click the [Sort] menu and click [Sort by Font Type]. The fonts are grouped according to their technology type (TrueType, Type 1, or screen bitmap) and within each group the names will be listed alphabetically.

Inverting the alphabetical order

The lists can be inverted by clicking on the [Sort] menu and [Inverse Sort].

Internal Fonts List

Internal PCL fonts list

0	Courier	40	Helvetica-BoldOblique
1	CG-Times	41	Helvetica-Narrow
2	CG-Times Bold	42	Helvetica-Narrow-Bold
3	CG-Times Italic	43	Helvetica-Narrow-Oblique
4	CG-Times Bold Italic	44	Helvetica-Narrow-BoldOblique
5	CG Omega	45	Palatino-Roman
6	CG Omega Bold	46	Palatino-Bold
7	CG Omega Italic	47	Palatino-Italic
8	CG Omega Bold Italic	48	Palatino-BoldItalic
9	Coronet	49	ITC AvantGarde-Book
10	Clarendon Condensed	50	ITC AvantGarde-BookOblique
11	Univers Medium	51	ITC AvantGarde-Demi
12	Univers Bold	52	ITC AvantGarde-DemiOblique
13	Univers Italic	53	ITC Bookman-Light
14	Univers Bold Italic	54	ITC Bookman-LightItalic
15	Univers Medium Condensed	55	ITC Bookman-Demi
16	Univers Condensed Bold	56	ITC Bookman-DemiItalic
17	Univers Medium Condensed Italic	57	NewCenturySchlbk-Roman
18	Univers Condensed Bold Italic	58	NewCenturySchlbk-Bold
19	Antique Olive	59	NewCenturySchlbk-Italic
20	Antique Olive Bold	60	NewCenturySchlbk-BoldItalic
21	Antique Olive Italic	61	Times-Roman
22	Garamond Antiqua	62	Times-Bold
23	Garamond Halbfett	63	Times-Italic
24	Garamond Kursiv	64	Times-BoldItalic
25	Garamond Kursiv Halbfett	65	ITCZapfChancery-MediumItalic
26	Mrigold	66	Symbol
27	Albertus Medium	67	Symbol PS
28	Albertus Extra Bold	68	Wingdings
29	Arial	69	ITCZapfDingbats
30	Arial Bold	70	Courier Bold
31	Arial Italic	71	Courier Italic
32	Arial Bold Italic	72	Courier Bold Italic
33	Times New Roman	73	Letter Gothic Regular
34	Times New Roman Bold	74	Letter Gothic Bold
35	Times New Roman Italic	75	Letter Gothic Italic
36	Times New Roman Bold Italic	76	CourierPS
37	Helvetica	77	CourierPS Oblique
38	Helvetica-Bold	78	CourierPS Bold
39	Helvetica-Oblique	79	CourierPS BoldOblique

Internal PS fonts list

AlbertusMT-Light	Eurostile-ExtendedTwo
AlbertusMT	Eurostile-BoldExtendedTwo
AlbertusMT-Italic	Geneva
AntiqueOlive-Roman	GillSans-Light
AntiqueOlive-Italic	GillSans-LightItalic
AntiqueOlive-Bold	GillSans
AntiqueOlive-Compact	GillSans-Italic
Apple-Chancery	GillSans-Bold
ArialMT	GillSans-BoldItalic
Arial-ItalicMT	GillSans-ExtraBold
Arial-BoldMT	GillSans-BoldCondensed
Arial-BoldItalicMT	GillSans-Condensed
AvantGarde-Book	Goudy
AvantGarde-BookOblique	Goudy-Italic
AvantGarde-Demi	Goudy-Bold
AvantGarde-DemiOblique	Goudy-BoldItalic
Bodoni	Goudy-ExtraBold
Bodoni-Italic	Helvetica
Bodoni-Bold	Helvetica-Oblique
Bodoni-BoldItalic	Helvetica-Bold
Bodoni-Poster	Helvetica-BoldOblique
Bodoni-PosterCompressed	Helvetica-Condensed
Bookman-Light	Helvetica-Condensed-Oblique
Bookman-LightItalic	Helvetica-Condensed-Bold
Bookman-Demi	Helvetica-Condensed-BoldObl
Bookman-DemiItalic	Helvetica-Narrow
Candid	Helvetica-Narrow-Oblique
Chicago	Helvetica-Narrow-Bold
Clarendon-Light	Helvetica-Narrow-BoldOblique
Clarendon	HoeflerText-Regular
Clarendon-Bold	HoeflerText-Italic
CooperBlack	HoeflerText-Black
CooperBlack-Italic	HoeflerText-BlackItalic
Copperplate-ThirtyTwoBC	HoeflerText-Ornaments
Copperplate-ThirtyThreeBC	JoannaMT
Coronet-Regular	JoannaMT-Italic
Courier	JoannaMT-Bold
Courier-Oblique	JoannaMT-BoldItalic
Courier-Bold	LetterGothic
Courier-BoldOblique	LetterGothic-Slanted
Eurostile	LetterGothic-Bold
Eurostile-Bold	LetterGothic-BoldSlanted

LubalinGraph-Book	Univers-CondensedBold
LubalinGraph-BookOblique	Univers-CondensedBoldOblique
LubalinGraph-Demi	Univers-Extended
LubalinGraph-DemiOblique	Univers-ExtendedObl
Marigold	Univers-BoldExt
Monaco	Univers-BoldExtObl
MonaLisa-Recut	Wingdings-Regular
NewCenturySchlbk-Roman	ZapfChancery-MediumItalic
NewCenturySchlbk-Italic	ZapfDingbats
NewCenturySchlbk-Bold	
NewCenturySchlbk-BoldItalic	
NewYork	
Optima	
Optima-Italic	
Optima-Bold	
Optima-BoldItalic	
Oxford	
Palatino-Roman	
Palatino-Italic	
Palatino-Bold	
Palatino-BoldItalic	
StempelGaramond-Roman	
StempelGaramond-Italic	
StempelGaramond-Bold	
StempelGaramond-BoldItalic	
Symbol	
Taffy	
Times-Roman	
Times-Italic	
Times-Bold	
Times-BoldItalic	
TimesNewRomanPSMT	
TimesNewRomanPS-ItalicMT	
TimesNewRomanPS-BoldMT	
TimesNewRomanPS-BoldItalicMT	
Univers-Light	
Univers-LightOblique	
Univers	
Univers-Oblique	
Univers-Bold	
Univers-BoldOblique	
Univers-Condensed	
Univers-CondensedOblique	

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MULTIFUNCTIONAL DIGITAL SYSTEMS

Printing Guide

e-STUDIO165/205

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