

SHARP[®]



AR (M) 550

AR (M) 620

AR (M) 700



network **office** solutions

unprecedented power. multi-faceted performance. unlimited possibilities.

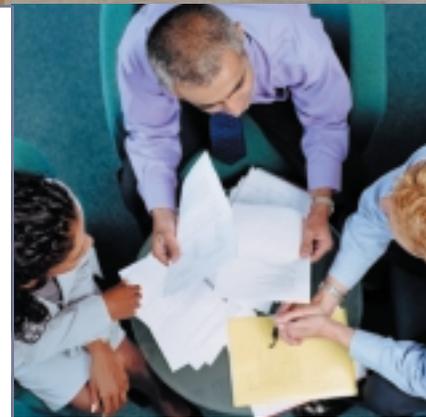


Empowered with
Scan² Technology



the latest Sharp innovations

- Scan² Technology minimizes paper misfeeds and enhances reliability
- 150-sheet Duplex Single Pass Feeder outputs at 65 ipm (images per minute) simplex and 76 ipm duplex for incredible efficiency
- Standard document filing enables users to easily archive documents
- Standard 40 GB Hard Drive stores approximately 60,000 pages
- TIFF and PDF Direct Printing
- Standard Tandem Print/Copy capability with N version
- Permanent Font and Form storage
- Carbon Copy Print mode
- Duplexing on stocks up to 110# index from three different paper trays
- MAC Address/IP Filtering with security-enabled NIC card
- LDAP support with optional Network Scanner Expansion Kit
- Unique File Naming using the QWERTY keyboard
- PC and Internet Fax capability with optional Facsimile Expansion Kit
- Standard IEEE1284 and USB 2.0 ports



do more than you ever thought possible.

With today's accelerated pace of business, you need the ability to respond at a moment's notice. Keep your business moving—and drive your vision forward with Sharp's newly designed AR-M550/M620/M700 IMAGERS™. Best-in-class features allow you to accomplish more—in dramatically less time. With powerful scan, copy, print, and fax capabilities, these multi-faceted performers will become the heart of your workgroup. Versatile input and output features enable workgroups and busy departments to adopt a truly digital workflow—and communicate more effectively. Plus, powerful integrated software makes it easy to manage your digital files—and keep them secure. Available in both N and U versions, Sharp makes it easy to select the IMAGER that fits your needs today—and provides the flexibility for growth as your business evolves.

**Share ideas. Exchange information. And liberate your workgroup.
Now you can do it all with Sharp's new AR-M550/M620/M700 IMAGERS.**



SHARP®

copy. print. sort and staple. and that's only the beginning.

Do more.

Designed for mid to high-volume environments, Sharp's AR-M550/M620/M700 IMAGERS are the epitome of productivity. With copy/print speeds of 55/62/70 ppm and a standard online paper capacity of 3,100 sheets (6,600 sheets with the large Capacity Paper Deck option), these powerful performers can do so much more—in considerably less time.

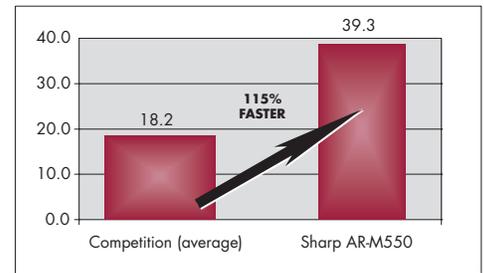
Innovative performance.

With a newly engineered, high-performance engine and Scan-Once, Print-Many technology, the AR-M550/M620/M700 IMAGERS deliver crisp **600 dpi resolution** for superior quality output. But that's not all. The new **150-sheet Duplex Single Pass Feeder** and Sharp's innovative **Scan² Technology** scans both sides of a 2-sided document in one pass—minimizing paper misfeeds and improving reliability. With amazing speed, documents are scanned at 65 images per minute (ipm) simplex—and 76 ipm duplex—so even large projects are completed quickly.



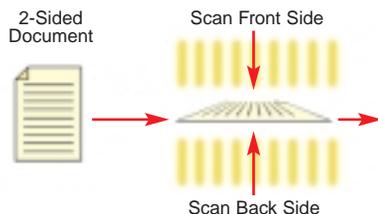
The AR-M550/M620/M700 N version IMAGERS also offer **standard network Tandem Printing**—without the hassles of cables. You can easily “connect” two IMAGERS—even if they are in different locations—and print simultaneously. What's more, each IMAGER doesn't have to be configured the same way—enabling you to Tandem Print with just a few keystrokes—quickly and easily. Use Tandem Printing to print documents simultaneously at different locations, or to maximize your IMAGERS during busy periods. You'll not only reduce mail and distribution costs, you'll save time and money outsourcing as well.

Scan Speeds*

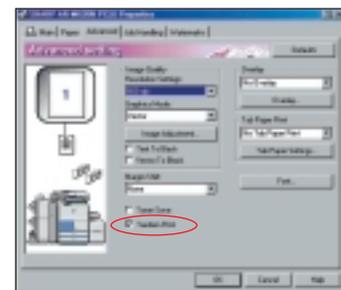


Source: BLI

*Results of Buyers Laboratory Inc. Document Feeding Speed tests (originals per minute) in 2:2 mode for Sharp AR-M550 IMAGER vs. the following manufacturers' competitive models: Canon iR 5000 and 5020, HP 9055 MFP, Konica 7155, Kyocera Mita KM-5530, Ricoh Aficio 1055 and 551, and Toshiba e-STUDIO 550.



Scan² Technology scans both sides of a document simultaneously, minimizing paper misfeeds dramatically.



Standard Tandem Printing (on N version IMAGERS) can reduce mail and outsourcing costs.

Add powerful network printing with point-and-click simplicity.

For powerful print functionality, the Sharp AR-M550/M620/M700 IMAGERs can be configured with a 64-bit, 525MHz Print Controller, enabling it to be the hub of productivity in busy workgroups. With a **40 GB Print Controller Hard Drive**, the Sharp AR-M550/M620/M700 IMAGERs offer unparalleled speed and processing power to jump-start your productivity. New standard features include:

- **Pull Printing** for drag-and-drop printing to the IMAGER from an authorized FTP site
- **Carbon Copy Print** mode automatically produces forms in triplicate, utilizing different colored sheets of paper
- **Duplex Printing** on up to 110# index from three different trays enables you to produce a variety of documents in house
- **TIFF and PDF Direct Printing** enables you to efficiently print PDF and TIFF files with drag and drop simplicity (PostScript 3 Expansion Kit required)
- **Permanent Font and Form Storage** for speedy printing
- **Security-enabled NIC Card** to restrict user access with IP/MAC Address Filtering and protocol security

Get professional finishing capabilities—for exceptional results.

With a choice of optional high-performance finishers, producing professionally-finished output is as easy as 1-2-3. What's more, you can save time—and money—by reducing costly outsourcing. The capability of on-demand, on-the-fly finishing enables everyone in your workgroup to create proposals, handouts, newsletters, and more—that rival the results of professional quick-print establishments.

Select from either the **Two-Tray Finisher** (AR-F15) or the **Saddle-Stitch Finisher** (AR-F16), which delivers a wide range of capabilities including 3-position stapling, center folding, 50-sheet stapling capacity, and more. For even more versatility, add the **Post Sheet Inserter** which enables you to insert pre-printed covers and inserts to your documents—for truly professional results.



The optional Saddle-Stitch Finisher (AR-F16) automatically staples in a variety of positions. A Two-Tray Finisher is also available.



Large, 3,100-sheet standard paper capacity



Sharp's AR-M550/M620/M700 IMAGERs complex features are simplified with the user-friendly touch-screen LCD display.

don't just get security. get Sharp security.

Protect your company's greatest asset—information.

Sharp's layered document security approach facilitates greater protection of your business with several levels of network device and data security. A world leader in office equipment security, Sharp enables IT professionals to safely deploy digital copying, printing, scanning, and faxing—in any information-critical environment.

To protect your printed documents from unauthorized viewing, the new Sharp AR-M550/M620/M700 IMAGERs offer a **Confidential Print** feature, which requires users to enter a 5-digit PIN (Personal Identification Number) code in order to release and print documents.

The AR-M550/M620/M700 IMAGERs also support **User Authentication**, which verifies user access on the network before any scan operation is performed. This protects your network from unauthorized scanning and e-mail communications—for an even greater level of security.

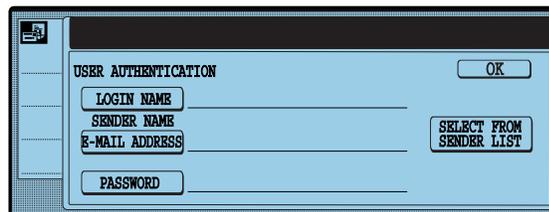
To restrict network access to the Sharp AR-M550/M620/M700 IMAGERs, the **Network Interface Card** in conjunction with the **IMAGER Home Page** offers **IP/MAC Address Filtering** and protocol constraints. For enhanced security, the optional **Data Security Kit** protects the data residing in the memory of the IMAGERs with AES128-bit

encryption. An overwrite feature sanitizes the memory by overwriting the encrypted data up to seven times, offering an unprecedented level of assurance.

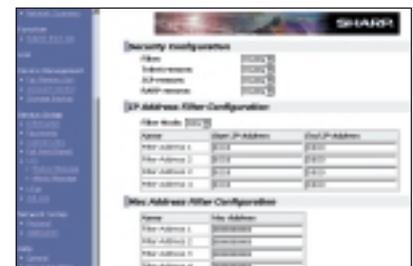
Sharp's scalable security offerings aim to protect your intellectual property and preserve confidential information by enabling you to meet regulatory requirements, such as the Health Insurance Portability and Accountability Act (HIPAA) and the Gramm Leach Bliley Act (GLB). For additional information visit: www.sharppusa.com/security

Common Criteria Validation and Sharp.

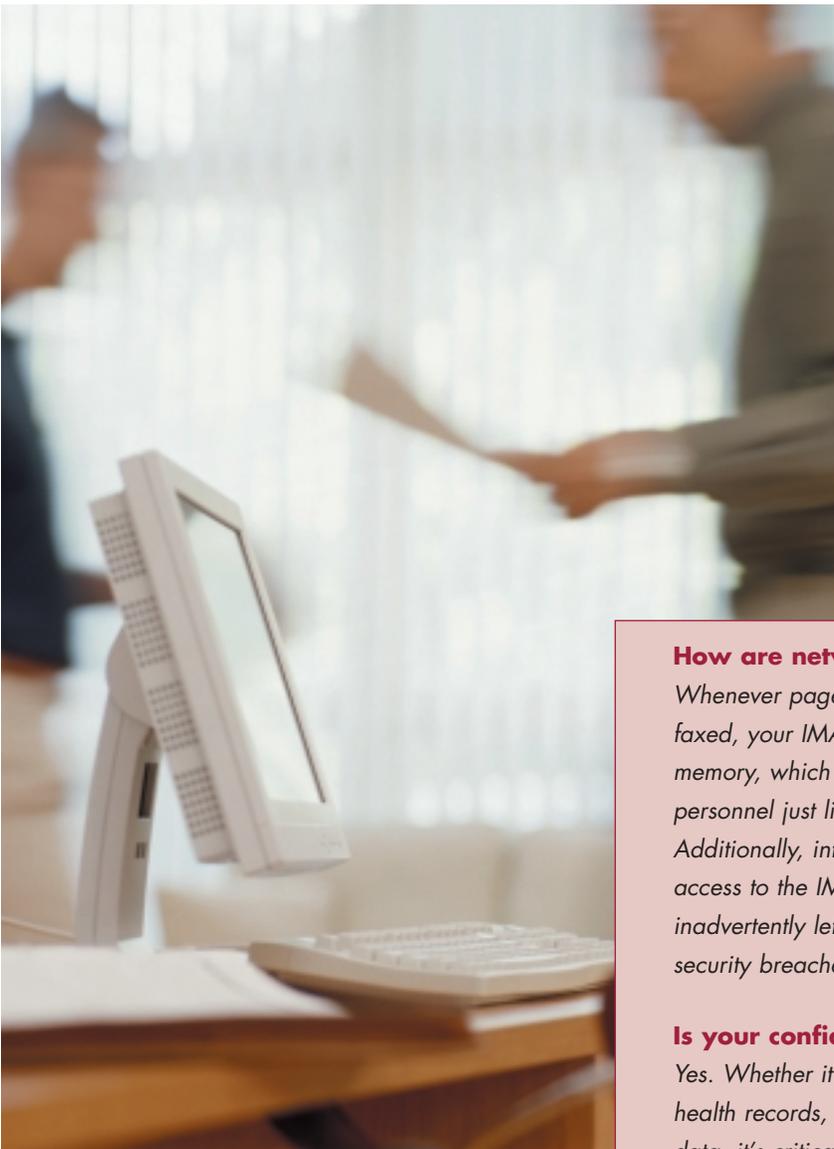
Common Criteria is the emerging global standard for IT security testing. Already accepted, and even mandated, by Federal agencies across the country, Common Criteria can help streamline the selection process of printer/copier/scanner/fax systems with the highest certification standards—so you get the best security solution for your business. Sharp was the first in the industry to receive Common Criteria validation for the AR-M350/M450 IMAGER. The AR-M550/M620/M700 IMAGERs offer second-generation security technology, sophisticated enough to protect not only your printed, copied and scanned documents, but also your faxed documents—another industry first!



User Authentication requires users to log in to the machine before performing any network scanning operations, protecting it from unauthorized scanning and e-mail communications.



IP/MAC Address Filtering on the IMAGER Home Page enables you to restrict access to the IMAGER.



get the facts

How are networked MFPs vulnerable?

Whenever pages are printed, copied, scanned or faxed, your IMAGER retains data in the internal memory, which can be retrieved by unauthorized personnel just like the data on any PC's hard disk. Additionally, internal users who have unrestricted access to the IMAGER, or even sensitive documents inadvertently left in the paper tray, can lead to security breaches and information leaks.

Is your confidential information vulnerable?

Yes. Whether it's personal or financial information, health records, or protecting sensitive corporate data, it's critical to deploy a solution that provides heightened security and minimizes risk. Plus, with new federal regulations regarding privacy and confidentiality, information and document security have become a high priority for every business.

Get the security solutions you need along with the outstanding reliability you expect—with Sharp's new AR-M550/M620/M700 Digital IMAGERS.



More information about Sharp's leading-edge security features can be found on www.sharpsusa.com/security

scan. capture. distribute. it really is that simple.

Powerful, built-in network scanning

Share documents—across the network—or across the world—with versatile scan functionality. With Sharp's **ImageSEND** feature, the AR-M550/M620/M700 IMAGERs truly become the document distribution hub of the workgroup—providing both input and output capabilities. To scan, simply load your document into the **Duplex Single-Pass Feeder**, and then send your files directly from the IMAGER's control panel to six different destinations—Send to Desktop, Send to E-mail, Send to FTP, Send to Group, Send to Fax and Send to i-Fax. ImageSEND allows for a truly digital workflow, providing incredible convenience, speed and increased efficiency.

Standard document filing

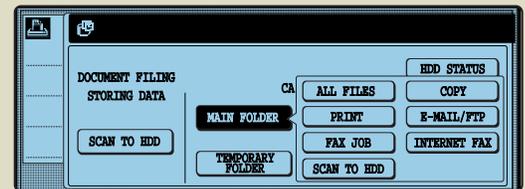
Designed to be the center of the workgroup, the new AR-M550/M620/M700 IMAGERs offer **Standard Document Filing**. The robust **16 GB Hard Drive** can store frequently used documents like forms and templates. Sharp's N-versions can store up to 20,000 pages, so everyone on the network can share and access documents in a snap. Plus, enhanced security features on Sharp N-versions require users to enter a 5-digit PIN number to access secure folders—protecting your sensitive data.

New LDAP support

With innovative **LDAP support** (Lightweight Directory Access Protocol), there's no need to manually enter a recipient's address. Simply enter the first few characters of the address and the AR-M550/M620/M700 IMAGERs automatically search and display a list of matching names. And to reduce the risk of unauthorized scanned documents being e-mailed, integrated **User Authentication** requires users to log in before searching for an address and sending an outbound e-mail.

Unique file naming

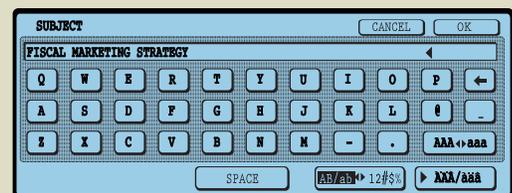
The new AR-M550/M620/M700 IMAGERs also support **Unique File Naming**, giving you the ability to enter specific filenames with customized message and subject fields. When the recipient receives the e-mail, these fields are filled in with specific information about the attached document—making the file easy to recognize—and archive. And for enhanced productivity, the **Send to Group** feature enables users to send a document to up to 500 locations simultaneously—ideal for busy offices.



Standard built-in document filing makes it easy to share and store your scanned files. Up to 20,000 lettersize pages can be stored.



With LDAP, users only need to enter the first few characters of the destination e-mail address—so sending a file is incredibly quick.



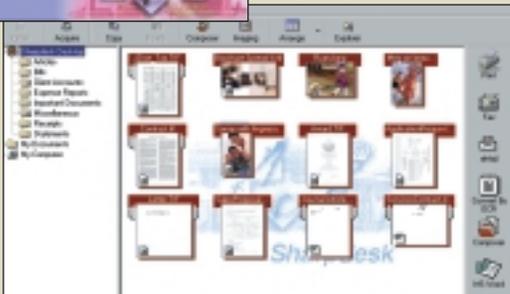
Unique File Naming makes it easy for the recipient to recognize e-mailed documents.



Sharp's new PC-fax driver allows users to fax directly from the desktop—or an application—quickly and easily.



Sharpdesk Desktop Document Management Software helps users organize, annotate, edit and combine files prior to distribution.



Sharp's alliances with leading developers make it easy to implement enterprise-level solutions for document archiving, forms generation, and more.

Versatile Fax Functionality

With lightening-fast speed, the super-charged **Super G3 Fax Expansion Kit** provides incredible performance and versatility for high-volume environments.



The innovative **PC-fax driver** enables users to fax documents directly from the desktop—saving time. Other powerful features include internet fax capability (optional Network Scanner Expansion Kit required), single-pass duplex transmission of documents, simultaneous fax transmission, sequential broadcasting, and 999 one-touch keys.

Managing the digital workflow has never been easier—and more seamless.

Powerful, flexible and intuitive, **Sharpdesk™** software enables you to easily integrate scanned documents into your everyday workflow. Easy-to-use tools help you organize, edit—even combine scanned files—for maximum productivity. The new **Search and Index** feature provides sophisticated tools that enable you to retrieve archived Sharpdesk documents with incredible ease.

For advanced document filing and archiving, Sharp's AR-M550/M620/M700 IMAGERS are compatible with Liberty's **Doc2NET™**, an enterprise-level solution that enables users to capture, organize, retrieve, and secure documents. With structured indexing, full text search capabilities, and output and distribution capabilities via fax, e-mail, and print, Doc2NET delivers quick and convenient access to shared documents for the entire workgroup—not to mention increased efficiency.

And for automated forms management and distribution, Sharp's AR-M550/M620/M700 IMAGERS integrates fluently with **Reform Enterprise™** by FabSoft.™ With the ability to automatically route documents to a fax or e-mail address, MFP, printer, or FTP site—Reform speeds up your workflow and saves valuable time. Plus you can customize forms, invoices, and other transactional documents, enabling you to automate processing while maintaining a professional image.



expedite document workflow with advanced, user-friendly software.

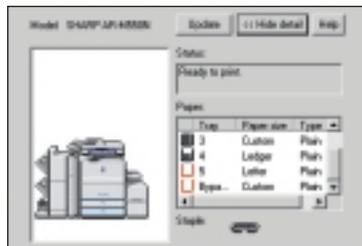
The Sharp Administration Utility Suite

To help you manage the AR-M550/M620/M700 IMAGER's versatile features, Sharp designed the Administration Utility Suite, a collection of easy-to-use software that can simplify the installation, monitoring, and use of the Sharp AR-M550/M620/M700 IMAGERs.

- Network users can view printer conditions through the **Printer Status Monitor's** easy-to-use interface. Check paper levels, toner, and more before you send your job.
- **Printer Administration Utility** helps IT Managers speed up installation and configuration of printers on the network—as well as monitor any networked SNMP-compliant printers.
- IT Managers, Key Operators, and Authorized Sharp Dealers can automatically receive e-mails regarding the AR-M550/M620/M700 IMAGERs with Sharp's **Remote E-mail Diagnostics**.
- Get advanced web-based management for both user and administrator-level access with the **IMAGER Home Page**. Users can easily create and manage their own network scanning destinations and profiles. Administrators can access device configuration, network settings, IP filtering, and protocol control—right from the convenience of the desktop.



The Sharp Administration Utility Suite



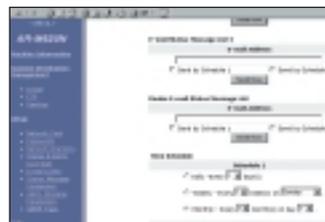
Printer Status Monitor



Printer Administration Utility



Imager Home Page



Remote E-Mail Diagnostics

Track Printer Usage

The AR-M550/M620/M700 IMAGER's versatile functionality will make it the most widely-used printer in the workgroup. To monitor and track all of this activity, Sharp includes standard copy/print accounting controls. The **Print/Copy Auditor** enables administrators and IT Managers to track usage by ID number (up to 500 accounts) as well as by PIN code authorization. And for seamless expansion on an enterprise level, the AR-M550/M620/M700 IMAGERs support **Equitrac's® PrintLog Accounting Server**, which provides extensive reporting and security controls.



Manage Print Jobs and Printers

Keep your workflow moving when it matters most—crunch time. Manage all the printers on your network and control document output—right from your desktop—with **Callisto.™** With powerful **print queue management** capabilities and **detailed usage reports**, IT Managers can monitor jobs and track printer activity—even redirect jobs to maintain the workflow—all from one application.

Advanced LAN/Enterprise Management

The AR-M550/M620/M700 IMAGERs offer extended compatibility for the enterprise. Our alliances with providers of industry-leading EMS software ensure that Sharp IMAGERs will work within your existing network seamlessly.

My Sharp

And to make managing your new AR-M550/M620/M700 IMAGERs simple and easy, ask your local Authorized Sharp Dealer about **My Sharp**, a new dedicated customer-care website that allows you to download updates, locate resources and find information specific to your new IMAGER.



Summary Printing Activity			
By Users per Printer			
Printer	Name Comments	Pages	Cost
Sharp AR-M550	Sharp AR-M550	11	0.25
Sharp AR-M620	Sharp AR-M620	23	0.50
HP LaserJet 1020	HP LaserJet 1020	1,000	80.00
HP LaserJet 1020	HP LaserJet 1020	55	4.50
		1,089	85.25
By Job			
Printer	Name Comments	Pages	Cost
Sharp AR-M550	Sharp AR-M550	11	0.25
Sharp AR-M620	Sharp AR-M620	1	0.02
Sharp AR-M620	Sharp AR-M620	1	0.02
Sharp AR-M620	Sharp AR-M620	1	0.02
Sharp AR-M620	Sharp AR-M620	4	0.08
Sharp AR-M620	Sharp AR-M620	4	0.08
Sharp AR-M620	Sharp AR-M620	54	4.50

Track print usage for accounting purposes with Equitrac's easy-to-use software, which provides extensive reporting and security features.



Ask your local Authorized Sharp Dealer about My Sharp, a dedicated customer care website specific to your IMAGER.

Main Copier Specifications

Type:	Console
Print System:	System (laser)
Copy System:	Dry electrostatic transfer system
Originals:	Sheets, bound documents
Copy Size:	Min. 5 1/2" x 8 1/2", Max. 11" x 17"
Exposure System:	OPC
Developer System:	Dry-type two-component magnetic brush development
Paper Feed System:	4 trays and bypass tray
Fusing System:	Heat roller
Resolution:	Scan: 600 x 600 dpi Output: 600 x 600 dpi
Gradations:	Scan: 256 levels Printing: 2 levels
Originals:	Sheets, bound documents
Copy Paper:	Plain paper and special papers
Copy Sizes:	Max. 11" x 17", min. 5 1/2" x 8 1/2", Postcard Image loss: Max. 11/64" (leading edge and trailing edge in total), max. 11/64" (along all other edges in total)
Warm-Up Time:	120 seconds or less
First-Copy Time:	3.9 seconds or less (when A4 size paper is fed horizontally from tray 1)
Copy Ratio:	Variable 25 to 400% in 1% increments Fixed Presets: 25%, 64%, 77%, 100%, 121%, 129%, 200%, 400%
Continuous Copy:	999 copies
Hard Drive Capacity:	40 GB; 16 GB partition for document filing capability on N version
Expansion DIMM Slot:	1 slot (64 MB, 128 MB or 256 MB can be installed)
Dimensions:	28 43/64" (W) x 26 47/64" (D) x 46 15/16" (H) When bypass tray is extended: 49 47/64" (W) x 26 47/64" (D) x 46 15/16" (H)
Weight:	AR-M550U, AR-M550N, AR-M620U, AR-M620N: Approx. 408 lbs.
Overall Dimensions:	49 49/64" (W) x 26 47/64" (D)
Required Power Supply:	AC 120V, 60Hz, 16A
Power Consumption:	1.8 KW

Network Scanner Expansion Kit Specifications (AR-NS3)

Maximum Original Size:	11" x 17"
Two-sided Originals:	Possible
Optical Resolution:	600 dpi
Output Resolution:	E-mail/FTP: 200 x 200, 300 x 300, 400 x 400, 600 x 600 dpi
Internet-Fax:	200 x 100, 200 x 200, 200 x 400, 400 x 400 dpi
Output Modes:	1bit/pixel
Halftone Processing:	Error dispersion (Black and white 150/200/300/400/600 dpi)
File Format:	E-mail/FTP File type: PDF/TIFF Compression mode: NONE/MH (G3)/MMR (G4) Internet-Fax File type: TIFF-F Compression Mode: MH(G3)/MMR(G4)
File Creation Method:	Specified pages per file/One file for all pages
Scan Destinations:	Send to FTP, Send to Desktop, Send to E-mail, Internet-Fax
Supported Client	Windows 95/Windows 98/Windows Me/Windows NT4.0/
PC Operating Systems:	Windows 2000/Windows XP
Management System:	Uses built-in Web server
Web Browser:	Internet Explorer 5.5 or later, Netscape Navigator 6.0 or later
Network Protocol:	TCP/IP, UDP/IP
LAN Connectivity:	10Base-T/100Base-TX
Supported Mail System:	Mail servers supporting SMTP
Number of Destinations:	999 maximum*
Number of Senders:	999 maximum

Design and specifications subject to change without notice.

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As an ENERGY STAR® Partner, SHARP has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.

Optional Large Capacity Tray Specifications

Paper Size:	8 1/2" x 11" (the paper size can only be changed by a service technician)
Paper Weight:	16 to 28 lbs.
Paper Capacity:	(plain) 3,500 sheets 20 lbs.
Dimensions:	14 23/32" (W) x 21 31/64" (D) x 20 3/8" (H)
Power Supply:	Supplied from the main unit
Weight:	Approximately 63 lbs.

Optional Punch Unit Specifications (AR-PN4B)

Hole Punching:	2 or 3 holes
Paper Weight:	16 to 140 lb. index

Optional Two-Tray Finisher Specifications (AR-F15)

Number of Trays:	2
Paper Output:	Face down output
Paper Capacity:	Upper paper tray/Middle paper tray: Non-stapling: 2,000 sheets of paper: 8 1/2" x 11", 5 1/2" x 8 1/2", 20 lbs. 1,000 sheets of paper: Sizes other than the above Stapling: 100 sets or 750 pages of 8 1/2" x 11" paper; 100 sets or 500 pages of other sizes of paper
Paper Size:	Upper paper tray/Middle paper tray: 11" x 17", 8 1/2" x 14", 8 1/2" x 13", 8 1/2" x 11", 8 1/2" x 11", 7 1/4" x 10 1/2", 5 1/2" x 8 1/2"
Page Weight:	Upper paper tray/Middle paper tray: 16 to 68 lbs.
Allowed Paper Sizes for Stapling:	Upper paper tray/Middle paper tray: 11" x 17", 8 1/2" x 14", 8 1/2" x 13", 8 1/2" x 11", 8 1/2" x 11"
Maximum Number of Sheets for Stapling:	Top left corner stapling: Portrait 50 sheets; Landscape 30 sheets Lower left corner stapling: Portrait 50 sheets; Landscape 30 sheets Center left stapling: Portrait 50 sheets; Landscape 30 sheets
Stapling Positions:	1 place at back, 1 place at front, one place at front (diagonal), 2 places
Dimensions:	32 1/64" (W) x 24 13/16" (D) x 45 9/32" (H)
Weight :	Approx. 113 lbs.

Optional Saddle-Stitch Finisher Specifications (AR-F16)

Number of Trays:	3
Paper Output:	Face down output
Paper Capacity:	Upper paper tray/Middle paper tray: Non-stapling: 2,000 sheets of paper: 8 1/2" x 11", 5 1/2" x 8 1/2" 20 lbs. 1,000 sheets of paper: Sizes other than the above Stapling: 100 sets or 750 pages of 8-1/2" x 11" paper 100 sets or 500 pages of other sizes of paper Lower tray: Stapled print capacity is 11-15 sheets x 10 sets, 6-10 sheets x 20 sets, 1-10 sheets x 25 sets
Paper Size:	Upper paper tray/Middle paper tray: 11" x 17", 8 1/2" x 14", 8 1/2" x 13", 8 1/2" x 11", 8 1/2" x 11", 7 1/4" x 10 1/2", 5-1/2" x 8 1/2" Lower tray: 11" x 17", 8 1/2" x 11", A3, B4, A4R
Allowed Paper Sizes for Stapling:	Upper paper tray/Middle paper tray: 11" x 17", 8 1/2" x 14", 8 1/2" x 13", 8 1/2" x 11", 8 1/2" x 11" Lower tray: 11" x 17", 8 1/2" x 11"
Maximum Number of Sheets for Stapling:	Top left corner stapling: Portrait 50 sheets; Landscape 30 sheets Lower left corner stapling: Portrait 50 sheets; Landscape 30 sheets Center left stapling: Portrait 50 sheets; Landscape 30 sheets Saddle-stitch: Landscape only 15 sheets
Stapling Positions:	1 place at back, 1 place at front, one place at front (diagonal), 2 places
Dimensions:	32 1/64" (W) x 24 13/16" (D) x 45 9/32" (H)
Weight :	Approx. 157 lbs.

*A total of 999 destinations can be stored, including E-mail, FTP, Desktop, Internet-Fax, and Group destinations. Among these, a combined total of 100 Send to FTP and Desktop destinations can be stored.

SHARP ELECTRONICS CORPORATION

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