

MX-M264N/M314N/M354N SPECIFICATIONS

Main Specifications

MX-M264N/ M314N/M354N	Base models include multi-tasking controller, high-resolution touch screen display, 100-sheet RSPF, PCL [®] 6 network printing/scanning, duplexing, 2 x 500-sheet paper drawer and 100-sheet Bypass Tray.											
Type	Desktop, multi-function digital document system											
Display	7.0" (diagonally measured) color dot matrix touch panel display.											
Functions	Copy, print, network print, network scan, document filling and fax ¹											
Copy System	Dry electrostatic transfer/Dual component developer/Magnetic brush development/OPC drums/heat roller fusing/white LED exposure											
Originals	Sheets and bound documents											
Max Original Size	11" x 17"											
Copy Size	Min. 5½" x 8½", Max. 11" x 17"											
Copy Speed	26/31/35 ppm (8½" x 11")											
Multiple Copy	Max. 999 copies											
First Copy Time (Seconds)²	<table border="1"> <tr> <td>MX-M264N</td> <td>MX-M314N</td> <td>MX-M354N</td> </tr> <tr> <td>Platen Glass</td> <td>4.9</td> <td>4.4</td> <td>4.0</td> </tr> <tr> <td>Doc. Feeder</td> <td>7.9</td> <td>7.1</td> <td>6.7</td> </tr> </table>	MX-M264N	MX-M314N	MX-M354N	Platen Glass	4.9	4.4	4.0	Doc. Feeder	7.9	7.1	6.7
MX-M264N	MX-M314N	MX-M354N										
Platen Glass	4.9	4.4	4.0									
Doc. Feeder	7.9	7.1	6.7									
Warm Up Time	20 seconds or less ²											
Magnification	25% to 400% in 1% increments (with document feeder 25%-200%)											
Original Feed	100-sheet RSPF with original size detection											
Scan Speed	Copy mode: (B&W) Up to 50 OPM @ 600 x 400 dpi; Up to 36 OPM (Color) @ 600 x 600 dpi. ² Network Scan: Up to 50 OPM (B&W or Color) 200 x 200 dpi. ²											
Original Sizes	5½" x 8½", 8½" x 11", 8½" x 11" R, 8½" x 14", 11" x 17" (13-32 lb. bond)											
Paper Feed System	Standard: (2) 500-sheet paper drawer (letter/legal/ledger/statement size) and 100-sheet bypass tray (letter/legal/ledger/statement/envelope size). Optional: Single or double drawer paper deck (500 sheets each drawer), letter/legal/ledger/statement size.											
Paper Types	Paper drawers: 16 lb. bond -28 lb. index. Other paper types include plain, pre-printed, recycled, pre-punched, letterhead and color paper. Bypass Tray: 16-28 lb. bond (plain paper), 15-16 lb. bond (thin paper), 110 lb. index (heavy paper), 20-24 lb. bond (Monarch/Com-10 envelope), tab paper (letter). Also label paper, gloss paper, pre-printed, recycled, pre-punched, letterhead, color paper and OHP film.											
Duplexing	Standard automatic duplex copying and printing											
CPU	Up to 600 MHz Multi-Processor Design											
Interface	RJ-45 Ethernet (10/100/1000Base-T), USB 2.0 (2 host ports, front and rear), USB 2.0 (1 device port, rear)											
Memory	Standard 2 GB											
Hard Disk Drive	Optional (160 GB)											
Copy Resolution	Scan: B&W/color: 600 x 600 dpi Copy Output: B&W: 600 x 600 dpi											
Exposure Control	Modes: Automatic Text, Text/Photo, Text/Printed-Photo, Printed-Photo, Photo, Map, Pale-Color Document. Settings: Auto or 9 step manual											
HalfTone	256 gradations/2 levels (monochrome)											
Copy Features	Scan-Once Print-Many, electronic sorting, offset-stacking, Auto Paper Sensing (APS), Auto Magnification Sensing (AMS), image preview, image edit, auto tray switching, rotation copy, reserve copy, tandem copy, book copy, margin shift, tab-paper insertion, edge erase, center erase, book divide, dual page copy, cover pages, insert pages, OHP insertion, job build, card shot, mirror image, black-white reversal, centering, proof copy, 2-in-1/4-in-1/8-in-1, pamphlet, watermark custom image, job programs, date/character/page stamp. ¹											
Account Control	Up to 1000 users. Supports user-number authentication (on device), login name/password (on device) or login name/password (on device via LDAP server) for Copy, Print, Scan, Fax and document management.											
Output Tray Capacity	Main output tray (top) 500 sheets (face down); optional eject tray (right 1 side) 100 sheets (face down)											

Main Specifications (continued)

Firmware Management	Flash ROM with local (USB), network update capability and firmware update 1 to N with SRDM (Sharp Remote Device Management)
Configuration Method	Web-based management with user/administrator level login, cloning (1 to N) with SRDM and remote front panel access
Service/Functions	Remote front panel, remote access to service logs and click counts
Accessibility Features	Adjustment of Key Touch-Send and Speed, Concave Key, Document Feeder Free Stop, Job Programs, Remote Front Panel, Universal Grip for Paper Trays, and Disable Screen Timeout
Environmental Standards	International Energy Star Program Ver. 1.2, Law on Promoting Green Purchasing, European RoHS (Restriction of Hazardous Substances)
Power	AC 100-127 VAC, 60 HZ, 12 Amps
Power Consumption	Maximum: 1440 W or less
Weight	Approx. 113.8 lbs.
Approx. Dimensions	24½" (w) x 25½" (d) x 31½" (h)

Network Printing System

PDL	Standard PCL [®] 6 compatible, optional Postscript 3
Resolution	1200 x 600 dpi
Print Speed	26/31/35 pages per minute (8½" x 11")
Print Drivers	Windows [®] Server [®] 2003-2008, Windows [®] XP, Windows XP x64, Windows [®] Server x64, Windows Vista [®] , Windows Vista [®] x64, Windows [®] 7, MAC, OSX (including 10.4.11, 10.5-10.5.8, 10.6-10.6.8, 10.7-10.7.2), all MAC PPD.
Features	Auto configuration, continuous printing, electronic sorting, offset stacking, N-up printing, duplex printing, transparency inserts, margin shift, image rotation, different cover page, poster print, job bypass print, job retention, confidential print, proof print, user authentication, image stamp and watermarks. Additional features: network tandem print, carbon copy print mode, different cover page/last page/other page, tab paper settings, tab printing, chapter inserts, page interleave and bar code font print! ¹
Direct Printing	File Types: TIFF, JPEG, PCL, PRN, TXT, PDF, Encrypted PDF, (optional) Postscript Methods: FTP, Web page, E-mail and USB memory
Resident Fonts	80 outline fonts (PCL), 136 fonts (PS)
Interface	RJ-45 Ethernet 10/100/1000 Base-T, USB 2.0
Operating Systems	Windows [®] Server [®] 2003-2008, Windows [®] 2000/XP, Windows Vista, Windows 7, MAC OSX 10.4.11, 10.5-10.5.8, 10.6-10.6.5, 10.6.8, 10.7-10.7.2, Novell [®] Netware [®] 3x, 4x, 5x, Sun [®] OS 4.1x, Solaris [®] 2x, Unix [®] , Linux [®] and Citrix [®] (Metaframe, Presentation Server 4, 4.5) and Windows Terminal Services. ¹
Network Protocols	TCP/IP (IPv4, IPv6, IPSEC) SSL (HTTP, IPP, FTP), SNMPv3, SMTP, POP3, LDAP, 802.1x for Windows and Unix. LPD and LPR for Unix. IPX/SPX [®] for Novell environments. EtherTalk [®] and NetBEUI. AppleTalk [®] for Macintosh [®] environments. ¹
Printing Protocols	LPR, IPP, IPPS, PAP, Raw TCP (port 9100), FTP and Novell Pserver/Printer
Network Security	IP/MAC address filtering, protocol filtering, port management, user authentication and document administration. ¹
Security Standards	IEEE-2600 [™] -2008, DoD (NSTISSP) #11, DoD Directive 8500.2, DoD (DISA) ¹

Network Scanning System

Scan Modes	Standard: Color, monochrome, grayscale
Max Original Size	11" x 17"
Optical Resolution	600 dpi
Output Modes	600 dpi, 400 dpi, 300 dpi, 200 dpi, 150 dpi, 100 dpi
Image Formats	Monochrome: TIFF, PDF, Encrypted PDF, XPS, PDF/A Color: Grayscale, Color TIFF, JPEG, PDF, Encrypted PDF, XPS, PDF/A Internet Fax: TIFF-FX, TIFF-C, TIFF-F, TIFF-S ¹
Image Compression	Monochrome Scanning: Uncompressed, G3 (MH), G4 (MR/MMR) Color/Grayscale: JPEG (high, middle, low) Internet Fax mode: MH/MMR (option)

Network Scanning System (continued)

Scan Destinations	E-mail, Desktop, FTP, Folder (SMB), USB, Internet fax (option), Super G3 fax (option)
One-touch	Up to 1000 (combined scan destinations)
Group Destinations	Up to 500
Programs	48 (combined)
Max. Jobs	Up to 100
Network Protocols	TCP/IP and SSL (includes HTTP, SMTP, LDAP, FTP, POP3), SMB, ESMTP and 802.1x.
Network Security Software	E-mail server user authentication for LDAP and Active Directory Sharpdesk [®] desktop document management software (1 user license)

B&W Super G3 Fax Kit (option)

Transmission Mode	Super G3, G3
Modem Speed	33.6 KBPS ³
Compression	JBIG, MMR, MR, MH
Methods	
Scanning Method	Sheet fed simplex or duplex or book
Max. Resolution	400 dpi
Transmit Speed	Approx. 2 seconds with Super G3/JBIG ⁴
Auto Dialing	Up to 1000 (combined scan destinations)
Group Dial	Up to 500 destinations
Inbound Fax	Routing: Forwards received fax data to E-mail
Long Length	Up to 31½" (for transmission)
Originals	
Programs	48 (combined)
Memory	512 MB, 1 GB ¹
HalfTone	256 levels

Inner Finisher (option)

Type	Built-in finisher
Output Capacity	500 sheets (letter/statement) or 250 sheets (ledger/legal size)
Output Delivery	Face down
Stapling Media	Plain paper (letter, legal, or ledger size)
Stapling Position	1 rear
Power Source	Supplied from main unit
Stapling	Up to 50 sheets (letter size) or 30 sheets (legal, ledger or mixed)
Stapled Sets	30 bundles or 500 sheets (letter or statement size) or 30 bundles or 250 sheets (legal or ledger size)
Weight	Approx. 28.6 lbs.
Dimensions	18¾" (w) x 18¼" (d) x 8" (h)

Optional Equipment

MX-DE17	Stand/1 x 500 Sheet Paper Drawer
MX-DE18	Stand/2 x 500 Sheet Paper Drawer
MX-DS16	Low Stand
MX-DS17	High Stand
MX-FN23	Inner Finisher
MX-SCX1	Staple Cartridge (MX-FN23)
MX-TR11	Job Separator
MX-TE10	Right-side Exit Tray Unit (Requires MX-FN23)
MX-PK11	Postscript [®] 3 [™] Kit
MX-FX11	Fax Expansion Kit
MX-FWX1	Internet Fax Kit (Requires MX-HD12)
MX-PF10	Bar Code Font Kit
AR-SU1	Stamp Unit (Requires AR-SV1 Stamp Cartridge)
AR-SV1	Stamp Cartridge
MX-KB14	Full-size, Retractable QWERTY Keyboard
MX-HD12	Hard Disk Drive Expansion Kit
MX-AMX1	Application Integration Module (Requires MX-HD12)
MX-AMX2	Application Communication Module (Requires MX-HD12)
MX-AMX3	External Accounting Module (Requires MX-HD12)
MX-FR37U	Commercial Data Security Kit

Supplies

MX-312NT	Black Toner Cartridge
MX-312NW	Black Developer
MX-312NR	Drum

¹ Some features require optional equipment. See your local dealer.

² May vary depending on product configuration, machine settings and operating and/or environmental conditions.

³ Actual transmission time will vary based on line conditions.

⁴ Based on Sharp Standard Test Chart with approximately 700 characters, letter size in standard resolution.



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