



### ENHANCED PRODUCTIVITY WITH RELIABLE PERFORMANCE



Sharp's compact, ledger-size monochrome document systems elevate workgroup productivity with dependable performance.

In today's fast-paced office environment, businesses need to operate at peak efficiency. With Sharp's MX-M266N, MX-M316N, MX-M356N monochrome document systems, businesses can raise office productivity to a new level. Offering enhanced versatility, Sharp's new monochrome document systems deliver the essential features needed to get ahead, including up to 35 pages per minute copying and printing, color network scanning, and integrated multi-tasking – all this, at an affordable cost.

#### Key Features

- **Multi-Functional** – Offers essential features right out of the box, such as color network scanning, network printing and enhanced data security, including an End-of-Lease feature to delete all data and user history at time of trade-in.
- **Easy to Operate** – 7" (diagonally measured) color touch-screen display provides an intuitive, user-friendly interface enabling quick access to features and functions.
- **Mobile Compatibility** – Easily print or scan documents with smart phones, tablets and other mobile devices with the convenient Sharpdesk® Mobile app and your wireless network.



High resolution touch-screen color display



100-sheet reversing single pass document feeder



Available paper capacity of up to 2,100 sheets

### Advanced design plus multi-functional capability to meet tomorrow's document needs today.

- **True multi-tasking** document system with multi-processor design
- Quick 20-second warmup time along with **first copy out time** of less than 5 seconds for increased productivity
- ImageSEND function scans documents at up to **56 pages per minute** in both black and color
- Flexible paper handling system feeds **up to 28 lb. bond** through paper trays and up to **110 lb. index** through the bypass tray
- On-board paper storage capacity for up to 2,100 sheets from up to 5 paper sources with options
- Micro-fine toner technology offers sharp, **high quality images** page after page
- **1200 x 600 dpi** printing provides clear, crisp image output
- Standard network printing with **PCL®6** and **optional PostScript®3™** delivers robust performance
- **High resolution touch-screen** color display with graphical navigation
- Supports the Sharp OSA development platform, enabling businesses to streamline document workflow and help **enhance productivity** with **speed and efficiency\***
- Optional **Super G3 fax** with available inbound routing\*
- Advanced **web-based device management** offers both administrator level and user level login control
- Available **Document Filing System** with thumbnail view and image preview features\*
- Efficient design offers **low power consumption, fast warm up, compact footprint** and long-life parts and supplies
- Standard **End-of-Lease** feature can erase all user data, job status data and address book data at trade-in time

\*Some features require optional equipment.

# MX-M266N/M316N/M356N SPECIFICATIONS

## Main Specifications

<b>MX-M266N/ M316N/M356N</b>	Base models include multi-tasking controller, high-resolution touch screen display, 100-sheet RSPF, PCL <sup>®</sup> 6 network printing/scanning, duplexing, 2 x 500-sheet paper drawer and 100-sheet Bypass Tray.		
<b>Type</b>	Desktop, multi-function digital document system		
<b>Display</b>	7.0" (diagonally measured) color dot matrix touch panel display.		
<b>Functions</b>	Copy, print, network print, network scan, document filing and fax <sup>1</sup>		
<b>Copy System</b>	Dry electrostatic transfer/Dual component developer/Magnetic brush development/OPC drums/heat roller fusing/white LED exposure		
<b>Originals</b>	Sheets and bound documents		
<b>Max. Original Size</b>	11" x 17"		
<b>Copy Size</b>	Min. 5½" x 8½", Max. 11" x 17"		
<b>Copy Speed</b>	26/31/35 ppm (8½" x 11")		
<b>Multiple Copy</b>	Max. 999 copies		
<b>First Copy Time (Seconds)<sup>2</sup></b>	MX-M266N	MX-M316N	MX-M356N
Platen Glass	4.3	4.3	4.3
Doc. Feeder	7.0	7.0	7.0
<b>Warm Up Time</b>	20 seconds or less <sup>2</sup>		
<b>Magnification</b>	25% to 400% in 1% increments (with document feeder 25%-200%)		
<b>Original Feed</b>	100-sheet RSPF with original size detection		
<b>Scan Speed</b>	Copy mode: Up to 56 OPM @ 600 x 400 dpi. <sup>2</sup> Network Scan: Up to 56 OPM (B&W or Color) 200 x 200 dpi. <sup>2</sup>		
<b>Original Sizes</b>	5½" x 8½", 8½" x 11", 8½" x 11" R, 8½" x 14", 11" x 17" (13-32 lb. bond)		
<b>Paper Capacity</b>	Standard: 1,100 Sheets/Maximum: 2,100 Sheets		
<b>Paper Feed System</b>	Standard: (2) 500-sheet paper drawer (letter/legal/ledger/statement size) and 100-sheet bypass tray (letter/legal/ledger/statement/envelope size). Optional: 1 or 2 paper drawers (500 sheets each drawer), letter/legal/ledger/statement size.		
<b>Paper Types</b>	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.		
<b>Duplexing</b>	Standard automatic duplex copying and printing		
<b>CPU</b>	Up to 600 MHz multi-processor design		
<b>Interface</b>	RJ-45 Ethernet (10/100/1000 Base-T), USB 2.0 (2 host ports, front and rear), USB 2.0 (1 device port, rear)		
<b>Memory</b>	Standard 2 GB		
<b>Hard Disk Drive</b>	Optional (250 GB)		
<b>Copy Resolution</b>	Scan: B&W/color: 600 x 600 dpi Copy Output: B&W: 600 x 600 dpi		
<b>Exposure Control</b>	Modes: Automatic Text, Text/Photo, Text/Printed-Photo, Printed-Photo, Photo, Map, Pale-Color Document. Settings: Auto or 9 step manual		
<b>Halftone</b>	256 gradations/2 levels (monochrome)		
<b>Copy Features</b>	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, pamphlet, watermark custom image, job programs, date/character/page stamp. <sup>1</sup>		
<b>Account Control</b>	Up to 1,000 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.		
<b>Output Tray Capacity</b>	Main output tray (top): 500 sheets (face down); optional right side exit tray: 100 sheets (face down)		

## Main Specifications (continued)

<b>Firmware Management</b>	Flash ROM with local (USB), network update capability and firmware update 1 to N with SRDM (Sharp Remote Device Management)
<b>Configuration Method</b>	Web-based management with user/administrator level login, cloning (1 to N) with SRDM and remote front panel access
<b>Service/Functions</b>	Remote front panel, remote access to service logs and click counts
<b>Accessibility Features</b>	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
<b>Environmental Standards</b>	International Energy Star Program Ver. 1.2, Law on Promoting Green Purchasing, European RoHS (Restriction of Hazardous Substances), EPEAT
<b>Power</b>	AC 100-127 VAC, 60 HZ, 12 Amps
<b>Power Consumption</b>	Maximum: 1440 W or less
<b>Weight</b>	Approx. 112.4 lbs.
<b>Approx. Dimensions</b>	24¾" (w) x 24¼" (d) x 32¾" (h)
<b>Network Printing System</b>	
<b>PDL</b>	Standard PCL <sup>®</sup> 6 compatible, optional Postscript 3
<b>Resolution</b>	1200 x 600 dpi
<b>Print Speed</b>	26/31/35 pages per minute (8½" x 11")
<b>Print Drivers</b>	Windows <sup>®</sup> Server <sup>®</sup> 2003-2012, Windows <sup>®</sup> Server x64, Windows Vista <sup>®</sup> , Windows Vista <sup>®</sup> x64, Windows <sup>®</sup> 7, Windows <sup>®</sup> 8, 8.1, MAC, OSX (including 10.4-10.10), all MAC PPD.
<b>Features</b>	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 watermark. 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 printing <sup>1</sup>
<b>Direct Printing</b>	File Types: TIFF, JPEG, PCL, PRN, TXT, PDF <sup>1</sup> , Encrypted PDF <sup>1</sup> , (optional) Postscript Methods: FTP, Web page, Email
<b>Resident Fonts</b>	80 outline fonts (PCL), 136 fonts (PS)
<b>Interface</b>	RJ-45 Ethernet 10/100/1000 2012 Base-T, USB 2.0
<b>Operating Systems</b>	Windows <sup>®</sup> Server <sup>®</sup> 2003-2012, Windows Vista, Windows 7, Windows 8, MAC OSX 10.4-10.10, Unix <sup>®</sup> , Linux <sup>®</sup> and Citrix <sup>®</sup> (XenApp <sup>®</sup> 5.0-6.5) <sup>1</sup>
<b>Network Protocols</b>	TCP/IP (IPv4, IPSEC) SSL (HTTP, IPP, FTP), SNMPv3, SMTP, POP3, LDAP, 802.1x for Windows and Unix. LPD and LPR for Unix. IPX/SPX <sup>®</sup> for Novell environments. EtherTalk <sup>®</sup> and NetBEUI. AppleTalk <sup>®</sup> for Macintosh <sup>®</sup> environments. <sup>1</sup>
<b>Printing Protocols</b>	LPR, IPP, IPPS, PAP, Raw TCP (port 9100), FTP and Novell Pserver/Rprinter
<b>Network Security</b>	IP/MAC address filtering, protocol filtering, port management, user authentication and document administration. <sup>1</sup>
<b>Security Standards</b>	IEEE-2600 <sup>™</sup> -2008 <sup>1</sup>
<b>Network Scanning System</b>	
<b>Scan Modes</b>	Standard: Color, monochrome, grayscale
<b>Max. Original Size</b>	11" x 17"
<b>Optical Resolution</b>	600 dpi
<b>Output Modes</b>	600 dpi, 400 dpi, 300 dpi, 200 dpi, 100 dpi
<b>Image Formats</b>	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 <sup>1</sup>
<b>Image Compression</b>	Monochrome Scanning: Uncompressed, G3 (MH), G4 (MR/MMR) Color/Grayscale: JPEG (high, middle, low) Internet Fax mode: MH/MMR (option)

## Network Scanning System (continued)

<b>Scan Destinations</b>	Email, Desktop, FTP, Folder (SMB), USB, Internet fax (option), Super G3 fax (option)
<b>One-touch</b>	Up to 1,000 (combined scan destinations)
<b>Group Destinations</b>	Up to 500
<b>Programs</b>	48 (combined)
<b>Max. Jobs</b>	Up to 100
<b>Network Protocols</b>	TCP/IP and SSL (includes HTTP, SMTP, LDAP, FTP, POP3), SMB, ESMTMP and 802.1x.
<b>Network Security Software</b>	Email server user authentication for LDAP and Active Directory Sharpdesk <sup>®</sup> desktop document management software (1 user license)

## B&W Super G3 Fax Kit (option)

<b>Transmission Mode</b>	Super G3, G3
<b>Modem Speed</b>	33.6 KBPS <sup>3</sup>
<b>Compression Methods</b>	JBIG, MMR, MR, MH
<b>Scanning Method</b>	Sheet fed simplex or duplex or book
<b>Max. Resolution</b>	400 dpi
<b>Transmit Speed</b>	Approx. 2 seconds with Super G3/JBIG <sup>4</sup>
<b>Auto Dialing</b>	Up to 1,000 (combined scan destinations)
<b>Group Dial</b>	Up to 500 destinations
<b>Inbound Fax</b>	Routing: Forwards received fax data to Email
<b>Long Length</b>	Up to 31½" (for transmission)
<b>Originals</b>	
<b>Programs</b>	48 (combined)
<b>Memory</b>	512 MB, 1 GB <sup>1</sup>
<b>Half-tone</b>	256 levels

## Inner Finisher (option)

<b>Type</b>	Built-in finisher
<b>Output Capacity</b>	500 sheets (letter/statement) or 250 sheets (ledger/legal size)
<b>Output Delivery</b>	Face down
<b>Stapling Media</b>	Plain paper (letter, legal, or ledger size)
<b>Stapling Position</b>	1 rear
<b>Power Source</b>	Supplied from main unit
<b>Stapling</b>	Up to 50 sheets (letter size) or 30 sheets (legal, ledger or mixed)
<b>Stapled Sets</b>	30 bundles or 500 sheets (letter or statement size) or 30 bundles or 250 sheets (legal or ledger size)
<b>Weight</b>	Approx. 28.6 lbs.
<b>Dimensions</b>	18¾" (w) x 18" (d) x 7¼" (h)

## Optional Equipment

MX-CS12	500-sheet Paper Drawer
MX-CS13	500-sheet Paper Drawer
AR-DS20	Low Stand
AR-DS19	High Stand
MX-FN26	Inner Finisher
MX-SCX1	Staple Cartridge (MX-FN26)
MX-TR18	Job Separator
MX-TR17	Right Side Exit Tray Unit (requires MX-FN26)
MX-PK11	Postscript <sup>®</sup> 3 <sup>™</sup> Kit
MX-FX11	Fax Expansion Kit
MX-FWX1	Internet Fax Kit (requires MX-HD15)
MX-PF10	Bar Code Font Kit
AR-SU1	Stamp Unit (requires AR-SV1 Stamp Cartridge)
AR-SV1	Stamp Cartridge
MX-HD15	Hard Disk Drive Expansion Kit
MX-AMX1	Application Integration Module (requires MX-HD15)
MX-AMX2	Application Communication Module (requires MX-HD15)
MX-AMX3	External Accounting Module (requires MX-HD15)
MX-FRS0U	Commercial Data Security Kit (not available at time of launch)
DVENDFS	Generic Vendor Interface Kit

## Supplies

MX-315NT	Black Toner Cartridge
MX-312NV	Black Developer
MX-312NR	Drum

<sup>1</sup> Some features require optional equipment. See your local dealer.

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

<sup>3</sup> Actual transmission time will vary based on line conditions.

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



SHARP ELECTRONICS CORPORATION  
100 Paragon Drive, Montvale, NJ 07645  
1-800-BE-SHARP • www.sharpsusa.com

Design and specifications subject to change without notice. Sharp, Sharp OSA, Sharpdesk, My Sharp, and all related trademarks are trademarks or registered trademarks of Sharp Corporation and/or its affiliated companies. Windows and Windows Server are trademarks or registered trademarks of Microsoft Corporation. Adobe, PostScript 3 are trademarks or registered trademarks of Adobe Systems Inc. All other trademarks are the property of their respective owners.

