

# 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 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 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>Halftone</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

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

## Supplies

<b>MX-315NT</b>	Black Toner Cartridge
<b>MX-312NV</b>	Black Developer
<b>MX-312NR</b>	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.



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