



### ADVANCED SERIES MONOCHROME DOCUMENT SYSTEMS



MX-M565N shown with options.

The new Sharp Advanced Series workgroup document systems deliver high productivity and strong versatility.

The MX-M365N, MX-M465N and MX-M565N monochrome document systems offer powerful multitasking workflow features and exceptional image quality at speeds up to 56 pages-per-minute. Designed for busy workgroup environments, these models combine a versatile modular design with tablet-style menu navigation and powerful output capabilities that can help virtually any office accomplish more in less time.



Large tablet-style color touch-screen for easy operation.

#### Key Features

- Standard **out-of-box wireless networking** and true Adobe® PostScript® 3™ network printing offer enhanced compatibility with today's modern office environments
- **High-capacity tandem paper drawer** and productive inner finisher options provide high functionality in a **compact footprint**
- Supports **Cloud Portal Office**, a new content management software service from Sharp for storing and sharing scanned documents and other electronic files \*



Standard 150-sheet DSPF scans up to 170 images-per-minute.



Up to 6,600-sheet paper capacity with available options.



Compact inner finisher option provides high productivity.

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

- Large 10.1" (diagonally measured) **tablet-style touch-screen display** offers **image preview** feature with flick, tap and slide navigation
- Scan both sides of a document in a single pass at up to 170 IPM with the standard **150-sheet duplexing document feeder**
- **500 + 2,000-sheet tandem paper drawer** option expands maximum online paper capacity to **6,600 sheets**
- **Flexible paper handling** system feeds up to **80 lb. cover** through the paper trays and up to **110 lb. cover** through the bypass tray
- Full-size, **retractable keyboard** allows quick and easy data entry
- Available **Compact PDF** feature dramatically reduces the file size of scanned color documents, resulting in decreased network traffic and more **efficient use of disk and cloud storage**
- Network ready **PCL® 6** and **PostScript 3 printing systems** with **direct print** function
- **Standard Wireless NIC** connects to your network or allows users to print to and scan from the device via **Sharpdesk® Mobile**
- Supports Sharp's **enhanced** security platform with **standard 256-bit data encryption**, up to **7 times overwrite protection**, and convenient **End-of-Lease** feature

\* Available Q1-2014.

# MX-M365N/M465N/M565N SPECIFICATIONS

## Main Specifications

<b>MX-M365N/M465N/M565N</b>	Base models include multitasking controller, 150-sheet DSPF, PCL <sup>®</sup> 6 and PostScript <sup>™</sup> 3 <sup>™</sup> printing systems, network scanning, auto duplexing, 1 x 500-sheet paper drawer and a 100-sheet bypass tray.		
<b>Type</b>	Monochrome multi-function digital document system		
<b>Display</b>	10.1" (diagonally measured) color dot matrix high-resolution touch panel tilting display. 1024 x 600 dots (W-SVGA).		
<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/Belt type fusing/ white LED exposure		
<b>Originals</b>	Sheets and bound documents		
<b>Original Sizes</b>	5½" x 8½", 8½" x 11", 8½" x 11" R, 8½" x 14", 11" x 17"		
<b>Copy Size</b>	Min. 5½" x 8½", Max. 11" x 17" + 12" x 18"		
<b>Copy Speed</b>	36/46/56 ppm (8½" x 11") <sup>2</sup>		
<b>Multiple Copy</b>	Max. 999 copies		
<b>First Copy Time</b>	MX-M365N	MX-M465N	MX-M565N
<b>Seconds<sup>2</sup></b>	Platen Glass	4.5	3.9
<b>Warm Up Time</b>	12 seconds <sup>2</sup>		
<b>Magnification</b>	25% to 400% in 1% increments (with document feeder 25%-200%)		
<b>Original Feed</b>	150-sheet DSPF with original size detection		
<b>Scan Speed</b>	Up to 85 IPM <sup>2</sup> simplex Up to 170 IPM <sup>2</sup> duplex		
<b>Paper Capacity</b>	Standard: 600 Sheets/Maximum: 6,600 Sheets		
<b>Paper Feed System</b>	Standard: (1) 500-sheet paper drawer (letter/legal/ledger/statement) and 100-sheet bypass tray (letter/legal/ledger/statement/envelope). Optional: single, double or triple drawer paper deck (500 sheets each drawer), tandem paper deck (2,500 sheets) letter/legal/ledger/statement.		
<b>Paper Weights and Types</b>	Paper drawers: 16 lb. bond to 80 lb. cover. Other paper types include plain, pre-printed, recycled, pre-punched, letterhead and color paper. Bypass tray: 16-28 lb. bond (plain paper), 13-16 lb. bond (thin paper), 80-110 lb. cover (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 1.8 GHz multi-processor design		
<b>Interface</b>	RJ-45 Ethernet (10/100/1000Base-T), USB 2.0 (2 host ports, front and rear), USB 2.0 (1 device port, rear)		
<b>Memory</b>	Standard 3 GB copy/print (shared)		
<b>Hard Disk Drive</b>	320 GB		
<b>Copy Resolution</b>	Scan: B&W/color: 600 x 600 dpi; Copy Output: 1200 x 1200 dpi		
<b>Copy Modes</b>	Monochrome/Grayscale		
<b>Exposure Control Modes</b>	Auto, 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 Selection (APS), Auto Magnification Selection (AMS), Auto Tray Switching (ATS), black-white reversal, blank page skip, book copy, book divide, card shot, center erase, centering, cover pages, dual page copy, edge erase, image edit, image preview, insert pages, job build, job programs, margin shift, mirror image, mixed size original, multi-page enlargement, original count, pamphlet style, proof copy, repeat layout, reserve copy, rotated copy, stamp, stamp custom image, suppress background, tab copy, tab-paper insertion, tandem copy, toner save mode, transparency inserts, watermark, 2-in-1 / 4-in-1 / 8-in-1 multi shot		
<b>Account Control</b>	Up to 1,000 users. Supports user-number authentication, login name/password or login name/LDAP password		
<b>Output Tray Capacity</b>	Main output tray (top): 400 sheets (face down); optional right side exit tray: 100 sheets (face down)		
<b>Firmware Management</b>	Flash ROM with local (USB), network update capability and firmware update 1 to N with SRDM (Sharp Remote Device Manager)		
<b>Device Setup</b>	Web-based management/cloning with user/administrator level login		
<b>Service/Functions</b>	Remote front panel, remote access to service logs and click counts		
<b>Accessibility Features</b>	Tilt front panel, adjustment of key touch sound 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. 2.0, European RoHS		
<b>Power</b>	AC 100-127 VAC, 60 HZ, 12 Amps		
<b>Power Consumption</b>	1.44 kW or less		
<b>Weight</b>	Approx. 170 lbs.		
<b>Dimensions</b>	Approx. 24 1/4" (w) x 28" (d) x 33 1/4" (h)		

## Network Printing System

<b>PDL</b>	Standard PCL <sup>®</sup> 6, true Adobe <sup>®</sup> PostScript <sup>™</sup> 3 <sup>™</sup> , optional XPS
<b>Resolution</b>	1200 x 1200 dpi
<b>Print Speed</b>	36/46/56 pages per minute (8½" x 11") <sup>2</sup>
<b>Print Drivers</b>	Windows Server <sup>®</sup> 2003-2008, 2012, Windows XP, Windows XP x64, Windows Server 2003-2008 x64, 2012 x64 Windows Vista <sup>™</sup> , Windows Vista <sup>™</sup> x64, Windows 7, Windows 7 x64, Windows 8, Windows 8 x64, MAC OS X (including 10.4-10.8), all MAC PPD
<b>Features</b>	Auto configuration, bar code font printing, carbon copy print, chapter inserts, confidential print, continuous printing, custom image registration, different cover page/last page/other page, document control, document filing, duplex printing, electronic sorting, folding, form overlay, hidden pattern print, image rotation, image stamp, image type, job bypass print, job retention, layout print, margin shift, multiple pamphlet, network tandem print, N-up printing, offset stacking, page interleave, pamphlet style, poster print, proof print, print and send, print mode, punching, stapling, tab paper print, tab printing, toner save mode, transparency inserts, tray status, user authentication, watermarks, zoom print <sup>1</sup>
<b>Direct Printing</b>	File Types: TIFF, JPEG, PCL, PRN, TXT, PDF, Compact PDF, PDF/A Encrypted PDF, PostScript and XPS. <sup>1</sup> Methods: Sharpdesk Mobile, FTP, SMB, Web page, E-mail and USB
<b>Resident Fonts</b>	80 outline fonts (PCL), 139 fonts (PS)
<b>Interface</b>	RJ-45 Ethernet 10/100/1000 Base-T, USB 2.0
<b>Operating Systems</b>	Windows Server 2003-2012, Windows XP, Windows Vista, Windows 7, Windows 8, MAC OS X10.4, X10.5, X10.6, X10.7, X10.8, Novell <sup>®</sup> Netware <sup>®</sup> Unix <sup>®</sup> , Linux <sup>®</sup> and Citrix <sup>®</sup> (XenApp 5.0 6.0, 6.5) and Windows Terminal Services, SAP device types. <sup>1</sup>
<b>Network Protocols</b>	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 <sup>®</sup> for Novell environments. EtherTalk <sup>®</sup> . AppleTalk <sup>®</sup> for Macintosh <sup>®</sup> environments. <sup>1</sup>
<b>Printing Protocols</b>	LPR, IPP, IPPS, PAP, Raw TCP (port 9100), FTP, POP3, HTTP, 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, DoD (NSTISSP) #11, CAC/PIV access control <sup>1</sup>

## Network Scanning System

<b>Scan Modes</b>	Standard: Color, monochrome, grayscale
<b>Optical Resolution</b>	600 dpi
<b>Output Modes</b>	600 dpi, 400 dpi, 300 dpi, 200 dpi, 150 dpi, 100 dpi
<b>Image Formats</b>	Monochrome: TIFF, PDF, PDF/A, Encrypted PDF, XPS Color: Grayscale, Color TIFF, JPEG, PDF, PDF/A, Compact PDF, Encrypted PDF, XPS; Internet Fax: TIFF-FX, 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)
<b>Scan Destinations</b>	E-mail, Desktop, FTP, Folder (SMB), USB, Internet fax (option), Super G3 fax (option)
<b>One-touch Destinations</b>	Up to 2,000 (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>	E-mail server user authentication for LDAP and Active Directory Sharpdesk <sup>®</sup> desktop personal document management software (1 user license included), Sharpdesk Mobile (download)

## 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</b>	JBIG, MMR, MR, MH
<b>Methods</b>	
<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 2,000 (combined scan destinations)
<b>Group Dial</b>	Up to 500 destinations
<b>Inbound Fax Routing</b>	Forwards received fax data to E-mail, FTP, SMB, Desktop, Fax, I-Fax <sup>5</sup>
<b>Long Originals</b>	Up to 33 1/4" (for transmission)
<b>Programs</b>	48 (combined)
<b>Memory</b>	1 GB
<b>Halftone</b>	256 levels

## 1K Saddle Stitch Finisher (option)

<b>Type</b>	Console finisher with dual exit trays (mounts on left side of host machine)
<b>Output Trays</b>	Upper tray: Offset stack tray Lower tray: Book tray for saddle stitch
<b>Output Capacity</b>	1,000 sheets (letter/statement size) or 500 sheets (legal, ledger, letter)
<b>Stapling</b>	Up to 50 sheets (letter/statement size) or 25 sheets (legal, ledger or mixed)
<b>Output Delivery</b>	Face down
<b>Stapling Media</b>	Plain paper, letter/legal/ledger size or mixed
<b>Stapling Positions</b>	1 front, 1 rear, or both
<b>Saddle Stitch Function</b>	Center stitch/center folding (2 staples) letter/legal/ledger paper sizes
<b>Saddle Stitch Max. Sets</b>	Up to 10 sets (11-15 sheets per set)/15 sets (6-10 sheets per set)/20 sets (1-5 sheets per set)
<b>Power Consumption</b>	Approx. 70 W or less
<b>Hole Punching</b>	Optional three-hole punch unit MX-PNX5B
<b>Weight</b>	Approx. 88 lbs.
<b>Dimensions</b>	Approx. 26" (w) x 25" (d) x 39" (h) (with tray extended)

## Inner Finisher (option)

<b>Type</b>	Built-in type stacking finisher
<b>Output Tray</b>	Offset stacking tray
<b>Output Capacity</b>	500 sheets (letter size, non-stapled)
<b>Stapling</b>	Three position; Up to 50 sheets (letter/statement)
<b>Power Consumption</b>	Approx. 50 W
<b>Hole Punching</b>	Optional three-hole punch unit MX-PN11B
<b>Weight</b>	Approx. 26.5 lbs.
<b>Dimensions</b>	Approx. 24 1/2" (w) x 23 3/8" (d) x 8" (h) (with tray extended)

## Optional Equipment

<b>MX-DE12</b>	Stand/1 x 500-sheet Paper Drawer
<b>MX-DE13</b>	Stand/2 x 500-sheet Paper Drawer
<b>MX-DE14</b>	Stand/3 x 500-sheet Paper Drawer
<b>MX-DE20</b>	Stand/500 + 2,000-sheet Tandem Paper Drawer
<b>MX-LT10</b>	Long Paper Feeding Tray
<b>MX-36ABD</b>	Rolling Cabinet Base
<b>MX-LC11</b>	Large Capacity Tray
<b>MX-FN17</b>	Inner Finisher
<b>MX-PN11B</b>	3 Hole Punch Unit (MX-FN17)
<b>MX-SCX1</b>	Staple Cartridge (MX-FN17)
<b>MX-FN10</b>	1K Saddle Stitch Finisher
<b>MX-RB22</b>	Paper Pass Unit (Required for MX-FN10, MX-FN11 and MX-FN18)
<b>MX-PNX5B</b>	3 Hole Punch Unit (MX-FN10)
<b>AR-SC3</b>	Staple Cartridge (MX-FN10/FN18)
<b>MX-FN11</b>	4K Stacking Finisher
<b>MX-FN18</b>	4K Saddle Stitch Finisher
<b>MX-PNX6B</b>	3 Hole Punch Unit (MX-FN11/MX-FN18)
<b>AR-SC2</b>	Staple Cartridge (MX-FN11/MX-FN18)
<b>MX-TR13N</b>	Right-side Exit Tray Unit
<b>MX-TU12</b>	Center Exit Tray Unit
<b>MX-PUX1</b>	XPS Expansion Kit (Requires MX-565XPS1GB)
<b>MX-565XPS1GB</b>	1GB Memory Upgrade (Required for MX-PUX1)
<b>MX-FX11</b>	Fax Expansion Kit
<b>MX-FWX1</b>	Internet Fax Kit
<b>MX-PF10</b>	Bar Code Font Kit
<b>AR-SU1</b>	Stamp Unit
<b>AR-SV1</b>	Stamp Cartridge (Requires AR-SU1 Stamp Unit)
<b>MX-EB11</b>	Compact PDF Kit
<b>MX-EB12N</b>	Mirror Expansion Kit
<b>MX-AM10</b>	Web Browsing Expansion Kit (Standard on the MX-M565N)
<b>MX-AMX1</b>	Application Integration Module
<b>MX-FR44U</b>	Commercial Data Security Kit
<b>MX-EC50</b>	CAC Reader (Requires Data Security Kit)
<b>DVENDFS</b>	Generic Vendor Interface Kit
<b>Supplies</b>	
<b>MX-560NT</b>	Toner Cartridge
<b>MX-560NV</b>	Developer
<b>MX-560DR</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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