



### ESSENTIALS SERIES MONOCHROME DOCUMENT SYSTEMS



MX-M564N shown with options.

The new Sharp Essentials Series workgroup document systems deliver full multifunction capability and excellent value.

The MX-M364N, MX-M464N and MX-M564N monochrome document systems offer flexible multitasking workflow features and high quality output at speeds up to 56 pages-per-minute. Designed for busy workgroup environments, these models combine versatile paper handling with robust finishing options in a compact modular design that is also affordable. The new Sharp Essentials Series can help virtually any office accomplish more in less time.

#### Key Features

- Standard full **multifunction capability out-of-box** includes copying, PCL® 6 network printing and color network scanning for today's demanding office environments
- High-capacity tandem paper drawer and productive inner finisher options provide high functionality in a **compact footprint**
- **Heightened security**, including 256-bit data encryption, up to seven-times overwrite protection, and a convenient End-of-Lease feature that erases all user data and job history at trade-in time



Color touch-screen display with intuitive menu navigation.



Standard 100-sheet RSPF scans up to 56 images-per-minute.



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



Available compact inner finisher with 50-sheet staple capacity.

### Enhanced multifunctional capability allows you to meet tomorrow's document needs today.

- Available **500 + 2,000-sheet tandem paper drawer** 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
- Supports Sharp's **enhanced security platform** with **standard 256-bit data encryption**, up to **7 times overwrite protection**, and convenient **End-of-Lease** feature
- Standard **100-sheet reversing single pass**
- **7"** (diagonally measured) color **touch-screen display** with intuitive menu navigation
- Supports the **Sharp OSA® development platform**, enabling businesses to easily integrate with **network applications and cloud services**
- Network ready **PCL® 6 printing system** with available **PostScript® 3™**
- Available full-size, **retractable keyboard** allows quick and easy data entry
- **600 x 600 dpi printing** provides clear, crisp images even on jobs with fine detail
- **ImageSEND™** function scans documents to E-mail, network folders, USB devices and more
- Energy efficient design offers **low power consumption**, fast warm-up and longer life parts and supplies

# MX-M364N/M464N/M564N SPECIFICATIONS

## Main Specifications

<b>MX-M364N/M464N/M564N</b>	Base models include multitasking controller, 100-sheet RSPF, PCL <sup>®6</sup> printing system, 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>	7" (diagonally measured) color dot matrix touch panel display, 800 x 480 dots (W-VGA).
<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-M364N MX-M464N MX-M564N
<b>Seconds<sup>3</sup></b>	Platen Glass 4.5 3.9 3.7
<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>	100-sheet RSPF with original size detection
<b>Scan Speed</b>	Copy: Up to 56 IPM <sup>2</sup> Scan: Up to 56 IPM <sup>2</sup>
<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 800 MHz multi-processor controller
<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: 600 x 600 dpi
<b>Copy Modes</b>	Monochrome/Grayscale
<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 Selection (APS), Auto Magnification Selection (AMS), Auto Tray Switching (ATS), black-white reversal, book copy, 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, reserve copy, rotated copy, stamp, suppress background, tab copy, tab-paper insertion, tandem copy, toner save mode, transparency inserts, watermark, 2-in-1 / 4-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>	Adjustment of key touch sound and speed, 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. 145 lbs.
<b>Dimensions</b>	Approx. 24 1/4" (w) x 28" (d) x 33 1/4" (h)

<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.

## Network Printing System

<b>PDL</b>	Standard PCL <sup>®</sup> 6, optional PostScript <sup>®</sup> 3™ compatible and optional XPS
<b>Resolution</b>	600 x 600 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 Vista <sup>®</sup> , 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, color adjustment settings, color mode, confidential print, continuous printing, different cover page/last page/other page, document control, document filing, duplex printing, electronic sorting, folding, form overlay, image rotation, 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 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, 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), 136 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/Printer
<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™-2008, DoD (NSTISSP) #11 <sup>1</sup>
<b>Network Scanning System</b>	
<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, 100 dpi
<b>Image Formats</b>	Monochrome: TIFF, PDF, PDF/A, Encrypted PDF, XPS Color: Grayscale, Color TIFF, JPEG, PDF, PDF/A, Encrypted PDF, XPS; Internet Fax: TIFF-FX, TIFF-F, TIFF-S <sup>4</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 1,000 (combined scan destinations)
<b>Group Destinations</b>	Up to 500
<b>Programs</b>	48 (combined)
<b>Max. Jobs</b>	Up to 94
<b>Network Protocols</b>	TCP/IP and SSL (includes HTTP, SMTP, LDAP, FTP, POP3), SMB, ESMTP 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>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 Routing</b>	Forwards received fax data to E-mail, FTP, SMB, Desktop, Fax, I-Fax <sup>1</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 (MX-FN10)
<b>Weight</b>	Approx. 88 lbs.
<b>Dimensions</b>	MX-FN10 (with tray extended): Approx. 26" (w) x 25" (d) x 39" (h)
<b>Inner Finisher (option)</b>	
<b>Type</b>	Build-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>	(MX-FN11): Approx. 20" (w) x 25" (d) x 43" (h)

## 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/MX-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-PK11</b>	PostScript3 Expansion Kit
<b>MX-PUX1</b>	XPS Expansion Kit (Requires MX-SHP2GBXPS)
<b>MX-SHP2GBXPS</b>	2 GB Memory Upgrade (Required for MX-PUX1)
<b>MX-KB14N</b>	Retractable Keyboard
<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-AMX1</b>	Application Integration Module
<b>MX-AMX2</b>	Application Communication Module
<b>MX-AMX3</b>	External Accounting Module
<b>MX-FR45U</b>	Commercial Data Security Kit (Available shortly after launch)
<b>DVENDFS</b>	Generic Vendor Interface Kit

## Supplies

<b>MX-560NT</b>	Toner Cartridge
<b>MX-560NV</b>	Developer
<b>MX-560DR</b>	Drum



SHARP ELECTRONICS CORPORATION  
Sharp Plaza, Mahwah, NJ 07495-1163  
1-800-BE-SHARP • www.sharpusa.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. PostScript 3 is a trademark or registered trademark of Adobe Systems Inc. All other trademarks are the property of their respective owners.

