SHARP®

MX-M365N MX-M465N MX-M565N

ADVANCED SERIES MONOCHROME DOCUMENT SYSTEMS

MX-M565N shown with options.

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

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.

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	
MX-M365N/ M465N/M565N	Base models include multitasking controller, 150-sheet DSPF, PCL®6 and PostScript® 3™ printing systems, network scanning, auto duplexing, 1 x 500-sheet paper drawer and a 100-sheet bypass tray.
Type	Monochrome multi-function digital document system
Display	10.1" (diagonally measured) color dot matrix high-resolution touch panel tilting display. 1024 x 600 dots (W-SVGA).
Functions	Copy, print, network print, network scan, document filing and fax[1]
Copy System	Dry electrostatic transfer/Dual component developer/ Magnetic brush development/OPC drums/Belt type fusing/ white LED exposure
Originals	Sheets and bound documents
Original Sizes	5½" x 8½", 8½" x 11", 8½" x 11" R, 8½" x 14", 11" x 17"
Copy Size	Min. 5½" x 8½", Max. 11" x 17" + 12" x 18"
Copy Speed	36/46/56 ppm (8½" x 11")[2]
Multiple Copy	Max. 999 copies
First Copy Time Seconds[2]	MX-M365N / MX-M465N / MX-M565N Platen Glass 4.5 / 3.9 / 3.7
Warm Up Time	12 seconds[2]
Magnification	25% to 400% in 1% increments (with document feeder 25%-200%)
Original Feed	150-sheet DSPF with original size detection
Scan Speed	Up to 85 IPM[2] simplex Up to 170 IPM[2] duplex
Paper Capacity	Standard: 600 Sheets/Maximum: 6,600 Sheets
Paper Feed System	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.
Paper Weights and Types	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.
Duplexing	Standard automatic duplex copying and printing
CPU	Up to 1.8 GHz 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 3 GB copy/print (shared)
Hard Disk Drive	320 GB
Copy Resolution	Scan: B&W/color: 600 x 600 dpi; Copy Output: 1200 x 1200 dpi
Copy Modes	Monochrome/Grayscale
Exposure Control Modes	Auto, 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 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
Account Control	Up to 1,000 users. Supports user-number authentication, login name/password or login name/LDAP password
Output Tray Capacity	Main output tray (top): 400 sheets (face down); optional right side exit tray: 100 sheets (face down)
Firmware Management	Flash ROM with local (USB), network update capability and firmware update 1 to N with SRDM (Sharp Remote Device Manager)
Device Setup	Web-based management/cloning with user/administrator level login
Service/Functions	Remote front panel, remote access to service logs and click counts
Accessibility Features	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
Environmental Standards	International Energy Star Program Ver. 2.0, European RoHS
Power	AC 100-127 VAC, 60 HZ, 12 Amps
Power Consumption	1.44 kW or less
Weight	Approx. 170 lbs.
Dimensions	Approx. 24 1/4" (w) x 28" (d) x 33 1/4" (h)

Network Printing System	
PDL	Standard PCL® 6, true Adobe® PostScript® 3™, optional XPS
Resolution	1200 x 1200 dpi
Print Speed	36/46/56 pages per minute (8½" x 11")[2]
Print Drivers	Windows Server® 2003-2008, 2012, Windows XP, Windows XP x64, Windows Server 2003-2008 x64, 2012 x64 Windows Vista®, Windows Vista® x64, Windows 7, Windows 7 x64, Windows 8, Windows 8 x64, MAC OSX (including 10.4-10.8), all MAC PPD
Features	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[1]
Direct Printing	File Types: TIFF, JPEG, PCL, PRN, TXT, PDF, Compact PDF, PDF/A Encrypted PDF, PostScript and XPS.[1] Methods: Sharpdesk Mobile, FTP, SMB, Web page, E-mail and USB
Resident Fonts	80 outline fonts (PCL), 139 fonts (PS)
Interface	RJ-45 Ethernet 10/100/1000 Base-T, USB 2.0
Operating Systems	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® Netware® Unix®, Linux® and Citrix® (XenApp 5.0 6.0, 6.5) and Windows Terminal Services, SAP device types.[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®. AppleTalk® for Macintosh® environments.[1]
Printing Protocols	LPR, IPP, IPPS, PAP, Raw TCP (port 9100), FTP, POP3, HTTP, and Novell Pserver/Rprinter
Network Security	IP/MAC address filtering, protocol filtering, port management, user authentication and document administration[1]
Security Standards	IEEE-2600™-2008, DoD (NSTISSP) #11, CAC/PIV access control[1]

Network Scanning System	
Scan Modes	Standard: Color, monochrome, grayscale
Optical Resolution	600 dpi
Output Modes	600 dpi, 400 dpi, 300 dpi, 200 dpi, 150 dpi, 100 dpi
Image Formats	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[1]
Image Compression	Monochrome Scanning: Uncompressed, G3 (MH), G4 (MR/MMR) Color/Grayscale: JPEG (high, middle, low) Internet Fax mode: MH/MMR (option)
Scan Destinations	E-mail, Desktop, FTP, Folder (SMB), USB, Internet fax (option), Super G3 fax (option)
One-touch Destinations	Up to 2,000 (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	E-mail server user authentication for LDAP and Active Directory
Software	Sharpdesk® desktop personal document management software (1 user license included), Sharpdesk Mobile (download)

B&W Super G3 Fax Kit (option)	
Transmission Mode	Super G3, G3
Modem Speed	33.6 KBPS[3]
Compression Methods	JBIG, MMR, MR, MH
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 2,000 (combined scan destinations)
Group Dial	Up to 500 destinations
Inbound Fax Routing	Forwards received fax data to E-mail, FTP, SMB, Desktop, Fax, I-Fax[1]
Long Originals	Up to 33 1/4" (for transmission)
Programs	48 (combined)
Memory	1 GB
Halftone	256 levels

1K Saddle Stitch Finisher (option)	
Type	Console finisher with dual exit trays (mounts on left side of host machine)
Output Trays	Upper tray: Offset stack tray Lower tray: Book tray for saddle stitch
Output Capacity	1,000 sheets (letter/statement size) or 500 sheets (legal, ledger, letter)
Stapling	Up to 50 sheets (letter/statement size) or 25 sheets (legal, ledger or mixed)
Output Delivery	Face down
Stapling Media	Plain paper, letter/legal/ledger size or mixed
Stapling Positions	1 front, 1 rear, or both
Saddle Stitch Function	Center stitch/center folding (2 staples) letter/legal/ledger paper sizes
Saddle Stitch Max. Sets	Up to 10 sets (11-15 sheets per set)/15 sets (6-10 sheets per set)/20 sets (1-5 sheets per set)
Power Consumption	Approx. 70 W or less
Hole Punching	Optional three-hole punch unit MX-PNX5B
Weight	Approx. 88 lbs.
Dimensions	MX-FN10 (with tray extended): Approx. 26" (w) x 25" (d) x 39" (h)

Inner Finisher (option)	
Type	Built-in type stacking finisher
Output Tray	Offset stacking tray
Output Capacity	500 sheets (letter size, non-stapled)
Stapling	Three position; Up to 50 sheets (letter/statement)
Power Consumption	Approx. 50 W
Hole Punching	Optional three-hole punch unit MX-PN11B
Weight	Approx. 26.5 lbs.
Dimensions	(MX-FN11): Approx. 20" (w) x 25" (d) x 43" (h)

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

Supplies	
MX-560NT	Toner Cartridge
MX-560NV	Developer
MX-560DR	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.

ImageSEND

OSA® Sharp Open Systems Architecture

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