SHARP®

MX-4140N   MX-4141N
MX-5140N   MX-5141N

DYNAMIC PERFORMANCE WITH FIRST-RATE OPERABILITY

Full-color ledger-size workgroup document systems

Sharp's new MX-4140N/4141N/5140N/5141N color series document systems combine the simplicity of touch-screen menu navigation with robust multi-tasking workflow features that can help virtually any office accomplish more in less time. A large 10.1" (diagonally measured) high-resolution, tilting touch-screen display offers groundbreaking real-time image preview with intuitive flick-and-tap editing to help ensure your documents are produced accurately and without waste.

This new series also offers many advanced features such as a fully customizable home screen, dynamic action menus that provide feature-specific guidance, and a full-size retractable keyboard for easy data entry. Plus, with Sharp's enhanced second-generation micro-fine toner technology and true 1200 x 1200 dpi print resolution, this new series can help your business produce professional looking color documents in-house with breathtaking image quality that is also economical. The new MX-4140N/4141N/5140N/5141N color series has been built on the latest Sharp OSA® development platform, making integration with network applications and cloud services easier than ever. And with Sharp's industry-leading security platform with standard 256-bit data encryption and overwrite protection, you can rest assured that your intellectual property is well protected.

Advanced features plus multi-functional capability allow you to meet tomorrow's document needs today.

- Large 10.1" (diagonally measured) high **resolution touch-screen display** offers **real-time image preview** feature with flick, tap and slide navigation, and pinch-and-zoom capability to shrink and enlarge images

- Fully **customizable home screen** feature enables users to add **custom backgrounds** and **icons**, change the display language and more

- **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

- Scan both sides of a document in a single pass at up to 170 IPM with the standard **150-sheet duplexing document feeder** (standard on the MX-4141N/5141N)

- **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** (standard on the MX-4141N/5141N).

- Full-size, **retractable keyboard** allows quick, easy and accurate data entry (standard on the MX-4141N/5141N)

- **1200 x 1200 dpi printing** provides clear, crisp images even on jobs with fine detail

- Network ready **PCL®6** and true **Adobe® PostScript®3™ printing systems** with **direct print** function and available **XPS** option (standard on the MX-4141N/5141N)

- Pantone Licensing offers unprecedented levels of color fidelity to the **PANTONE MATCHING SYSTEM®**

- **Standard Wireless LAN** connects to your network or allows users to print to and scan from the device via **Sharpdesk® Mobile**

- Supports the latest **Sharp OSA development platform**, enabling businesses to easily integrate with **network applications and cloud services**

- Supports Sharp's **award-winning** security platform with **standard 256-bit data encryption**, up to 7 times **overwrite protection**, and convenient **End-of-Lease** feature

MX-4140N/4141N/5140N/5141N Specifications

Main Specifications

MX-4140N/4141N/ 5140N/5141N	Base models include multitasking controller, 100-sheet RSPF (MX-4140N/5140N)/150-sheet DSPF (MX-4141N/5141N), PCL®6 and Adobe® PostScript® 3™ printing systems, network scanning, auto duplexing, 2 x 500-sheet paper drawers, 100-sheet bypass tray. Black and color developer is included.
Type	Color 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
Max Original Size	11" x 17"
Copy Size	Min. 5½" x 8½", Max. 11" x 17" + 12" x 18"
Copy Speed	41/51 ppm B&W/Color (8½" x 11")
Multiple Copy	Max. 999 copies

First Copy Time

Seconds[2]	MX-4140N		MX-4141N		MX-5140N		MX-5141N	
	Black	Color	Black	Color	Black	Color	Black	Color
Platen Glass	4.7	6.7	4.7	6.7	4.1	5.7	4.1	5.7
Doc. Feeder	7.7	9.8	7.4	10.3	7.0	8.8	6.7	9.2

Warm Up Time	30 seconds or less[2]
Magnification	25% to 400% in 1% increments (with document feeder 25%-200%)
Original Feed	MX-4140N/5140N: 100-sheet RSPF/MX-4141N/5141N: 150-sheet DSPF with original size detection.
Scan Speed	RSPF Copy/Scan: Up to 51 IPM[2] simplex/20 IPM duplex DSPF Copy: Up to 85 IPM[2] simplex (B&W)/51 IPM simplex (Color) DSPF Scan: Up to 170 IPM[2] duplex (B&W/Color)
Original Sizes	5½" x 8½", 8½" x 11", 8½" x 11" R, 8½" x 14", 11" x 17"
Paper Capacity	Standard: 1,100 Sheets/Maximum: 6,600 Sheets
Paper Feed System	Standard: (2) 500-sheet paper drawer (letter/legal/ledger/statement size) and 100-sheet bypass tray (letter/legal/ledger/statement/ envelope size). Optional: Single or double drawer paper deck (500 or 1,000 sheets), tandem paper drawer (2,000 sheets), letter/legal/ ledger/statement size.
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 4 GB copy/print (shared)/Hard Disk Drive: 320 GB
Hard Disk Drive	320 GB
Copy Resolution	Scan: B&W/color: 600 x 600 dpi; Copy Output: B&W/color: 600 x 600 dpi
Color Modes	Auto Color Selection (ACS), Full Color Mode, Monochrome (B/W)
Exposure Control	Modes: Automatic, 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 Color Selection (ACS), 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, colorable 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, Canadian EcoLogo Program (CCD-035), Blue Angel (RAL-UZ171), European RoHS
Power	AC 100-127 VAC, 60 HZ, 16 Amps
Power Consumption	1.92 kW or less
Weight	MX-4140N/5140N: Approx. 262 lbs./MX-4141N/5141N: 278 lbs.
Dimensions	Approx. 25½" (w) x 30" (d) x 38" (h)

Network Printing System

PDL	Standard PCL® compatible 6, PostScript® 3™, optional XPS
Resolution	1200 x 1200 dpi
Print Speed	41/51 pages per minute (8½" x 11")
Print Drivers	Windows XP, Windows XP x64, Windows Server® 2003, Windows Server® 2003 x64, Windows Server® 2008, Windows Server 2008 x64, Windows Vista®, Windows Vista x64, Windows 7, Windows 7 x64, Windows 8, Windows 8 x64, Windows Server 2012 x64, Windows PPD, MAC OSX® (including 10.4 to 10.8), all MAC PPD
Features	Auto configuration, bar code font printing, carbon copy print, chapter inserts, color adjustment settings, color mode, 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, Encrypted PDF, PostScript and XPS.[1] Methods: FTP, SMB, Web page, E-mail and USB memory
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, Windows Server 2008, Windows XP, Windows Vista, Windows Systems 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
Max Original Size	11" x 17"
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) 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	Center stitch/center folding (2 staples)
Function	letter/legal/ledger paper sizes
Saddle Stitch	Up to 10 sets (11-15 sheets per set)/15 sets (6-10 sheets per set)/20 sets (1-5 sheets per set)
Max. Sets	
Power Consumption	Approx. 70 W or less (MX-FN10)/138 W or less (MX-FN18)
Hole Punching	Optional three-hole punch unit MX-PNX5B (MX-FN10)/ MX-PNX6B (MX-FN18)
Weight	Approx. 88 lbs. (MX-FN10)/Approx. 161 lbs. (MX-FN18)
Dimensions	MX-FN10 (with tray extended): Approx. 26" (w) x 25" (d) x 39" (h) MX-FN18 (with tray extended): Approx. 30" (w) x 25" (d) x 44" (h)

4K Stacking Finisher (option)

Type	Console stacking finisher with dual exit trays (mounts on left side of host machine)
Output Trays	Fixed position upper tray and offset stacking lower tray
Output Capacity	Upper tray: 1,550 sheets (letter size, non-stapled) Lower tray: 2,450 sheets (letter size, non-stapled)
Stapling	Three position; Up to 50 sheets (letter/statement)
Power Consumption	Approx. 140 W
Hole Punching	Optional three-hole punch unit MX-PNX6B
Weight	Approx. 97 lbs.
Dimensions	(MX-FN11): Approx. 20" (w) x 25" (d) x 43" (h)

Optional Equipment

MX-DE21	Stand + 2,000-sheet Tandem Paper Drawer
MX-DE22	Stand/1 x 500 Sheet Paper Drawer
MX-DE23	Stand/2 x 500 Sheet Paper Drawer
MX-DS18	Deluxe Copier Cabinet
MX-LC11	Large Capacity Tray (requires MX-DS18/DE21/22/23)
MX-LT10	Long Paper Feeding Tray
MX-FNX9	Inner Finisher
MX-PNX1B	3-Hole Punch Unit (requires MX-FNX9)
MX-FN10	1K Saddle Stitch Finisher
MX-PNX5B	3-Hole Punch Unit (requires MX-FN10)
MX-FN11	4K Stacking Finisher
MX-FN18	4K Saddle Stitch Finisher
MX-PNX6B	3-Hole Punch Unit (requires MX-FN11/18)
MX-RB20	Paper Pass Unit (required for MX-FN10/11/18)
MX-SCX1	Staple Cartridge (5,000 staples) (requires MX-FNX9/FN10)
AR-SC2	Staple Cartridge (5,000 staples) (requires MX-FN11/18)
AR-SC3	Staple Cartridge (2,000 staples) (requires MX-FN10/18)
MX-TRX2	Right Exit Tray
MX-TU13	Center Exit Tray
MX-PUX1	XPS Expansion Kit
MX-FX11	Fax Expansion Kit
MX-FWX1	Internet Fax Kit
MX-PF10	Bar Code Font Kit
AR-SU1	Stamp Unit (requires AR-SV1 Stamp Cartridge)
AR-SV1	Stamp Cartridge
MX-KB11N	Keyboard (standard on the MX-4141N/5141N)
MX-EB11	Compact PDF Kit (standard on the MX-4141N/5141N)
MX-EB12N	Mirror Expansion Kit
MX-EC50	CAC Reader (requires Data Security Kit)
MX-AMX1	Application Integration Module
MX-AM10	Web Browsing Expansion Kit (standard on the MX-5141N)
MX-FR42U	Commercial Data Security Kit
DVENDPS	Generic Vendor Interface Kit

Supplies

MX-51NTBA	Black Toner Cartridge
MX-51NTCA	Cyan Toner Cartridge
MX-51NTMA	Magenta Toner Cartridge
MX-51NTYA	Yellow Toner Cartridge
MX-51NVBA	Black Developer
MX-51NVSA	Cyan/Magenta/Yellow Developer
MX-31NRSA	Drum
MX-510HB	Toner Collection Container

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[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.