

MX-2600N/MX-3100N SPECIFICATIONS

Main Specifications

MX-2600N/3100N	Includes multi-tasking controller, 80 GB HDD with document filing system, PCI ⁵ /PCIe network printing, network scanning, 100-sheet RSPF, auto-duplex, two 500-sheet paper drawers and 100-sheet bypass. Black and color developer is included in the box.
Type	Console, color multi-function digital document system
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/Heat Roller fusing/Xenon lamp exposure
Originals	Sheets and bound documents
Max Original Size	11" x 17"
Copy Size	Min. 5 1/2" x 8 1/2", Max. 11" x 17" + 12" x 18"
Copy Speed	MX-2600N: 26 ppm B&W/Color (8 1/2" x 11") MX-3100N: 31 ppm B&W/Color (8 1/2" x 11")
Multiple Copy:	Max. 999 copies
First Copy time:	Platen glass: 6 seconds (B&W); 8.9 seconds (color) RSPF: 10.7 seconds (B&W); 13.5 seconds (color) (Based on letter size original using copy tray 1 with laser unit motor running) ²
Warm Up Time	60 Seconds or less ²
Magnification	25% to 400% in 1% increments (with document feeder 25%-200%)
Original Feed	100-sheet RSPF with original size detection
Scan Speed	Copy mode: Up to 50 OPM (B&W) @ 600 x 400 dpi; Up to 36 OPM (Color) @ 600 x 600 dpi. Network Scan: Up to 50 OPM (B&W or Color) 200 x 200 dpi. All times based on single-side letter originals.
Original Sizes	5 1/2" x 8 1/2", 8 1/2" x 11", 8 1/2" x 11" R, 8 1/2" x 14", 11" x 17" (13-32 lb. bond)
Paper Feed System	Standard: (2) 500-sheet paper drawers (letter/legal/ledger/statement size) and 100-sheet bypass tray (letter/legal/ledger/statement/envelope size). Optional: (1) 500-sheet paper drawer (letter/legal/ledger/statement size) or (2) 500-sheet paper drawers (letter/legal/ledger/statement size) and 3500-sheet large capacity tray (letter size). See your local dealer for configurations.
Paper Types	Paper drawers: 16 lb. bond - 110 lb. index, large capacity tray: 16-28 lb. bond. 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), 110-140 lb. index (heavy paper), 20-24 lb. bond (Monarch/Com-10 envelope), tab paper (letter size only). Other types include label paper, gloss paper, pre-printed, recycled, pre-punched, letterhead, color paper and OHP film.
Duplexing	Standard automatic duplex copying and printing
CPU	Power QUIP/CIL-MPC8533E (800MHz)
Interface	RJ-45 Ethernet (10/100/1000Base-T), USB 2.0 (host port), USB 2.0 (device port)
Memory	Standard 1 GB (copier); 512 MB (printer/network scanning) memory
Hard Disk Drive	80 GB; 38GB for document filing system and electronic sorting
Copy Resolution	Scan: B&W/color: 600 DPI; Copy Output: B&W/color: 600 DPI
Color modes	Auto Color Control (ACS), Full Color Mode, Monochrome (B/W), 2 Color Mode, Single Color mode
Exposure Control	Modes: Automatic Text, Text/Photo, Text/Printed-Photo, Printed-Photo, Photo, Map, Pale-Color document. Settings: Auto exposure control or 9 step manual exposure.
Halftone	256 gradations/2 levels (monochrome)
Copy Features	Scan-Once Print-Many, electronic sorting, offset-stacking, Auto Color Sensing (ACS), Auto Paper Sensing (APS), Auto Magnification Sensing (AMS), auto tray switching, rotation copy, reserve copy, tandem copy, book copy, margin shift, tab-paper insertion, edge erase, center erase, dual page copy, cover pages, insert pages, OHP insertion, job build, card shot, multi-page enlargement, reverse image, black-white reversal, centering, proof copy, 2-in-1/4-in-1, pamphlet, photo repeat, document filing, account management, job programs, date/character/page stamp (color).
Account Control	Up to 1000 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.
Output Tray Capacity	Main output tray (top) 500 sheets (face down); optional eject tray (right 1 side) 100 sheets (face down)
Firmware Management	Flash ROM with local (USB), network update capability and firmware update 1 to N with PAU (Printer Administration Utility)
Configuration Method	Web-based management system with user/administrator level login security, cloning (1 to N) with PAU and remote front panel access
Service/Maintenance	Remote front panel access, remote access to service logs and click counts
Power	AC 100-127 VAC, 60 Hz, 12 Amps
Power consumption	Maximum: 1440 W or less
Weight	Approx. 255 lbs. (base model)
Dimensions	23 3/4" (w) x 27 1/2" (d), x 37 1/2" (h)

¹ Some features require optional equipment.
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.

Network Printing System (standard)

PDL	PCI ⁵ /PCIe compatible, optional Postscript 3, optional XPS
Resolution	1200 dpi, 600 dpi
Print Speed	26/31 pages per minute (8 1/2" x 11")
Print Drivers	Windows [®] 98, Windows Me, Windows NT [®] 4 (with SP5 or later), Windows 2000, Windows Server [®] 2003, Windows XP, Windows XP x64, Windows Server x64, Windows Vista [™] , Windows Vista x64, MAC OS [®] , 9.2.2, OSX (including 10.2.8, 10.3.9, 10.4.11, 10.5-10.5.1), all MAC PPD. Windows Server 2008 drivers not available at time of launch.
Features	Continuous printing, duplex printing, pamphlet printing, N-up printing, image rotation, different cover page/last page, transparency inserts, tab printing, carbon copy print mode, fit-to-page, poster print, margin shift, mirror image, watermarks, overlay, confidential print, confidential batch print, print hold, proof print, bypass printing, job priority printing, print job control, tandem printing and direct printing (Note: some features not available on certain print drivers).
Direct Printing	File Types: TIFF, JPEG, PCL, PRN, TXT, PDF, Encrypted PDF, Postscript and XPS ¹ Methods: FTP, Web page, E-mail and USB memory
Resident Fonts	80 outline fonts
Interface	RJ-45 Ethernet 10/100/1000 Base-T
Operating Systems	Windows 98/ME, NT 4.0, XP, 2003/2008 Server, Vista, Novell [®] Netware [®] 3x, 4x, 5x, MAC OS 9, OSX (including 10.5.1), Sun [®] OS 4.1x, Solaris [®] 2x, Unix [®] , Linux [®] and Citrix [®] (Metaframe, Presentation Server 4, 4.5) and Windows Terminal Services.
Network Protocols	TCP/IP (IPv4, IPv6, IPSEC) SSL (HTTP, IPP, FTP), SNMPv3, 802.1x for Windows and Unix. LPD and LPR for UNIX. IPX/SPX [®] for Novell environments. EtherTalk [®] and NetBEUI. AppleTalk [®] for Macintosh [®] environments.
Printing Protocols	LPR, IPP, IPPS, PAP, Raw TCP (port 9100), FTP and Novell Pserver/Printer
Network Security	IP/Mac address filtering, protocol filtering, port management, user authentication and document administration.
Security Standards	IEEE-2600, DoD (NSTISSI) [®] #11, DoD Directive 8500.2, DoD (DISA)

Network Scanning System (standard)

Max Original Size	11" x 17"
Optical Resolution	600 DPI
Output Modes	600 dpi, 400 dpi, 300 dpi, 200 dpi, 100 dpi
Scan Modes	Color, monochrome, grayscale
Image Formats	Monochrome: TIFF, PDF, Encrypted PDF, XPS Color: Grayscale, Color TIFF, JPG, PDF, Encrypted PDF, XPS Internet Fax: TIFF-FX, FIFF-F, TIFF-5 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 999 (combined scan destinations)
Group Destinations	Up to 500
Programs	48 (combined)
Max. Jobs in Memory	Up to 94
Network Protocols	TCP/IP and SSL (includes HTTP, SMTP, LDAP, FTP, POP3), SMB, ESMTMP and 802.1x.
Network Security	E-mail server user authentication for LDAP and Active Directory
Software	Sharpdesk [®] desktop document management software (1 user license)

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. Transmit Resolution	400 DPI
Transmit Speed	Approximately 2 Seconds with Super G3/JBIG ⁴
Auto Dialing	Up to 999 (combined scan destinations)
Group	Up to 500
Dial/Destinations	
Inbound Fax Routing	Forwards received fax data to E-mail
Long length Originals	Up to 31.5" (for transmission)
Programs	48 (combined)
Memory	8 (exclusive)
Halftone	256 levels
Features	Quick on-line transmission, direct transmission, F-Code transmission/reception, rotate transmission, anti-junk fax reception, automatically staple received faxes, secure fax release, out of paper memory reception, auto redial, 2-in-1 reception, duplex reception transaction reports, activity reports and PC fax.

Inner Finisher (option)

Type	Built-in finisher (hole-punch unit option)
Output Capacity	500 sheets (letter/statement) or 250 sheets (ledger/legal size)
Output Delivery	Face down
Stapling Media	Plain paper, (letter, legal, or ledger size)
Stapling Positions	1 front, 1 rear, or both
Power Source	Supplied from main unit
Stapling	Up to 50 sheets (letter size) or 30 sheets (legal, ledger or mixed)
Stapled Sets	30 bundles or 500 sheets (letter or statement size) or 30 bundles or 250 sheets (legal or ledger size)
Hole Punching	Optional hole punch unit MX-PNX1B (2 holes/3 holes)
Weight	Approx: 28.7 lbs.
Dimensions	25.2" (w) x 28.94" (d) x 8.1" (h) (includes extended tray)

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	1000 sheets (letter/statement size) or 500 sheets (legal, ledger or letter-R size)
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 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	70 W or less
Hole Punching	Optional hole punch unit MX-PNX5B (2 holes/3 holes)
Weight	Approx: 88.18 lbs.
Dimensions	25.83" (w) x 24.84" (d) x 38.9" (h) (with tray extended)

Large Capacity Tray (option)

Type	Large capacity paper feed desk
Paper Size	Letter size, 16-21 lbs. Bond
Capacity	3500 sheets
Paper Types	Plain paper, pre-printed, recycled, letterhead, pre-punched and colored paper
Power Source	Supplied from main unit
Power Consumption	26.4 W, 40.8 W when tray is rising
Weight	Approx: 63.9 lbs.
Dimensions	14.9/16" (w) x 21.21/32" (d) x 20.15/32" (h)

Optional Equipment

MX-DEX6	Stand/1 x 500 Sheet Paper Drawer
MX-DEX7	Stand/2 x 500 Sheet Paper Drawer
MX-31ABD	Rolling Cabinet Base
MX-LCX1	Large Capacity Tray (requires MX-DEX6 or MX-DEX7)
MX-FNX9	Inner Finisher
MX-FN10	Saddle Stitch Finisher
MX-RBX3	Paper Pass Unit (Required for MX-FN10)
MX-PNX1B	3 Hole Punch Unit (for Inner Finisher)
MX-PNX5B	Punch Unit (for Saddle Stitch Finisher)
MX-TRX1	Exit Tray Unit
MX-PXK1	Postscript [®] 3 [™] Kit
MX-PUX1	XPS Expansion Kit (Requires MX-SHP1GBXPS)
MX-SHP1GBXPS	1GB Memory Upgrade (Required for MX-PUX1)
MX-FWX1	Internet Fax Kit
MX-FXK2	Fax Expansion Kit
AR-PF1	Bar Code Font Kit
MX-AMX1	Application Integration Module
MX-AMX2	Application Communication Module
MX-AMX3	External Accounting Module
MX-FR10U	Data Security Kit (Commercial Version)

Supplies

MX-31NTBA	Black Toner Cartridge
MX-31NTCA	Cyan Toner Cartridge
MX-31NTMA	Magenta Toner Cartridge
MX-31NTYA	Yellow Toner Cartridge
MX-31NVBA	Black Developer
MX-31NVSA	Cyan/Magenta/Yellow Developer
MX-31NRSA	Drum



SHARP ELECTRONICS CORPORATION
Sharp Plaza, Mahwah, NJ 07495-1163
1-800-BE-SHARP • www.sharpusa.com

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