

MX-620N/MX-700N SPECIFICATIONS

Main Specifications

Base Models	High-speed color multifunction digital document system; 1 GHz multi-tasking controller; 80 GB HDD with document filing; PCL5c/PCL6 network printing/scanning; Scan2 single-pass duplexing feeder, auto duplex, 3,100-sheet standard paper capacity
Functions	Copy, print, network print, network scan, document filing; Super G3 fax option
Copy System	Laser, Dry Transfer, Organic Photo Conductor Ultra-Fine Toners/Developers, Magnetic & Heat Process
Copy Size	Input: Min. 5 1/2" x 8 1/2"; Max. 11" x 17" Output: Envelopes, Letter, Letter-R, Legal, Ledger & 12" x 18"
Copy Speed	MX-620N: 62 PPM B/W & 50 PPM Color MX-700N: 70 PPM B/W & 50 PPM Color (based on 8 1/2"x11" paper)
First Copy Time	Platen glass: 4.5 seconds B&W and 7.2 seconds Color (MX-620N)* 4.0 seconds B&W and 7.2 seconds Color (MX-700N)*
Warm Up Time	Approximately 300 Seconds*
Copy Data	25% to 400% Zoom (1% increments), 25% to 200% (DS/P); 9 R/E presets; 999 Continuous Copy
Scanning	Up to 65 pages/minute with 2-sided B/W originals at standard resolution (includes Fax & Internet-Fax) Up to 35 pages/minute with Color Copy or Scan originals at standard resolution
Original Feeder	Duplex Single Pass; 150-sheet capacity (using 20 lb. bond) 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" (13-34 lb. bond)
Paper Feed	Standard: 2,000-sheet drawer (letter) and two adjustable 500-sheet drawers (letter, legal, 12" x 18", ledger, statement size) weights up to 110 lb. index, 100-sheet bypass tray. Optional: 3,500-sheet large capacity tray (letter) or 3,000-sheet large capacity tray (letter, legal, ledger or 12" x 18" paper)
Paper Types	Paper drawers: 1 & 2: 16-28 lb. bond paper Paper drawers: 3 & 4: 16 lb. bond-110 lb. index paper Other paper types include plain, pre-printed, recycled, pre-punched, letterhead and color paper.
Bypass Tray	Capacity: 100 sheets (letter, legal, ledger, statement, 12" x 18" & envelope size) Categories: Plain paper (16-28 lb. bond 60-105 GSM), Heavy paper (28-68 lb. Bond / 140 Index / 106-256 GSM) Envelope (20-24 lb. bond / Monarch / Com-10), Tab paper (letter only). Other types include label stock, gloss paper, pre-printed, recycled, pre-punched, letterhead, color, and OHP film.
Output Tray	Main output tray (top) 250 sheets (face down)(option); Standard: Right-side tray 100 sheets (face down)
Duplexing	Standard automatic duplex copying and printing of up to 110 Index
Interface	Ethernet (10/100BaseT), USB 2.0 (host port), USB 2.0 (device port)
Memory	Standard 1.28 GB (copier memory) 1 GB (printer/network scanning) memory
Hard Disk	80 GB HDD; Document Filing: 40 GB • Main/Custom: Up to 4,200 pages or 3,000 files • Quick Folders: Up to 1,400 pages or 1,000 files
Resolution	Scan: monochrome / color: Max 600 DPI; Copy Output (B&W / Color): Max 600 DPI
Halftone	Equivalent to 256 gradations/2 levels (mono)
Color modes	Auto Color Selection, Full Color, B/W, Dual & Single Color Modes
Copy Features	Scan-once Print-many (Electronic Sorting), Auto Color Selection (ACS), Auto Paper Selection (APS), Auto Magnification Selection (AMS), Auto Tray Switching, Rotation Copy, Job Reservation, 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, Mirror Image, B/W Reversal, Centering, Proof Copy, 2-in-1, 4-in-1, Pamphlet, Photo Repeat, Multi-page Enlargement, Document Filing, Account Management, Job Programs, Stamp Mode (Date / Text / Page B&W / Color) ¹
Accounts	Up to 1,000 users. Supports user-number authentication (on device), login name/password (on device) or login name/password (on device via LDAP or other servers)
Firmware	Flash ROM update via USB and/or network
Power Source	AC 100-127 VAC, 60 Hz, 20 Amps
Power Consumption	Approx. Max: 1.92kw; Low Power: 288.7w (MX-620N); 319.5w (MX-700N); Sleep Mode: 95w
Weight	Approximately 461 lbs.
Dimensions	31-19/64"(w) x 28-9/64"(d) x 48-7/32"(h)

* May vary depending on product configuration, machine settings and operating and/or environmental conditions.

¹ Some features require optional equipment

² 1,200 DPI and Postscript Printing requires optional PS3 Expansion Kit

³ Actual transmission time will vary based on line conditions. Based on Sharp Standard Test Chart with approximately 700 characters, letter size in standard resolution

Network Printing System (standard)

Emulation	PCL6 / PCL5c compatible, optional PS3
Resolution	1,200 dpi (monochrome), 600 DPI, 300 DPI ²
OS Support	Windows [®] 98, Windows Me, Windows XP, Windows NT [®] 4 (SP5 or later), Windows 2000, Windows Server [®] 2003, Windows Vista [™] , Unix [®] , Novell [®] NetWare [®] 3.x/4.x/5.x, MAC OS [®] 9.x, MAC OS [®] X
Software Features	Print drivers, Printer Status Monitor and Printer Administration Utility Continuous, Duplex, Pamphlet, N-up, Image Rotation, Different Cover Page/Last Page, Transparency Inserts, Tabs, Carbon-copy Print, Fit-to-page, Poster, Margin Shift, Mirror Image, Watermarks, Overlay, Confidential, Confidential Batch, Release from Hold, Proof, Bypass, Job Priority, Job Control, Tandem and Direct printing (Note: some features not available on all print drivers) ¹
Direct Printing	File Types: TIFF, JPEG, PCL, TXT, PDF, Encrypted PDF, and PostScript [®] 2 Methods: FTP, Web page, E-mail and USB memory
Interface	Ethernet; 10/100 BaseT; USB 2.0
Network Protocols	TCP/IP, IPv6, IPsec, SSL, SMTP, FTP, SMB, IPX/SPX, and AppleTalk [®] for Macintosh [®] environments
Print Protocols	LPR, IPP, PAP, Raw TCP (port 9100), FTP, Novell [®] Pserver/Rprinter
Print Drivers	Windows 98, Windows Me, Windows NT4.0 (SP5 or later), Windows 2000, Windows XP, Windows Server 2003, Windows Vista, MAC PPD (optional), MAC OS9, MAC OS X
Security	SSL, IPP, IP/MAC address filtering, protocol filtering, port management and user authentication with account control

Network Scanning System (standard)

Scan Output	Resolution: 600, 400, 300, 200 or 100 DPI
Image Formats	Monochrome: TIFF, PDF, Encrypted PDF Color / Grayscale: TIFF, JPG, PDF, Encrypted PDF Internet Fax (options): TIFF-FX, TIFF-F, TIFF-S
Compression	Mono: Uncompressed, G3 (MH), G4(MR/MMR) Color/Grayscale: JPEG (high, middle, low) Internet Fax: MH/MMR (option)
Destinations	E-mail, Desktop, FTP, Folder (SMB), USB memory, Internet fax (option), Super G3 fax (option)
One-Touch	Up to 999 destinations (combined with scan destinations) and up to 500 Groups
Programs	48 total
Scanning Protocols	TCP/IP (includes SMTP, LDAP, FTP, SMB, SMTPS, POP3S, FTSP)
Security	SSL, user authentication with account control, comprehensive access control, e-mail Audit control and Document Administration.
Configuration Method	Web-based management; user/administrator level login security with 32 alpha-numeric characters
Software	Sharpdesk [®] desktop document management software (1 user license) with secure FTPS support

B&W Super G3 Fax Kit (option)

Transmission Data	Super G3, G3 (33.6 BPS) with JBIG, MMR, MR or MH Compression by sheets fed simplex, duplex or off the glass; Max 400 DPI (ultra-fine) at approximately 2 seconds; JBIG ³
Auto Dialing	Up to 999 destinations (combined with scan destinations) and up to 500 Groups
Inbound Routing	Forwards received fax data to E-mail
Originals	Up to 31.5" (for transmission)
Programs	48 (combined)
Memory	8 MB (exclusive)
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 transmission, duplex reception transmission reports, activity reports and PC fax ⁴
Security	Secure fax release, junk fax filter and separation between fax lines and network ports

3-Position Finisher (option)

Type	Console finisher with dual exit trays
Output Capacity	Upper Tray: 1,550 sheets (letter size, non-stapled) Lower Tray: 2,450 sheets (letter size, non-stapled)
Staple Positions	1-point front, 1-point back or 2-point stitching
Output Data for stapling	Face down; 50 sheets (letter) or 30 sheets (mixed sizes) 20 lb. Bond; Maximum: 48 sheets (20 lb. Bond) + 2 covers (140 lb. Index)

Saddle-Stitch Finisher (option)

Type	Console finisher with dual exit trays (mounts on left side of host machine)
Output Trays	Upper/Lower Tray: Offset Stack; Saddle Tray: Saddle-Stitch Tray
Output Capacity	Upper Tray: 1,550 sheets Lower Tray: 2,450 sheets (letter size-non stapled)
Output Data for Stapling	Face down, 50 sheets (Letter size - 20 lb. Bond); Face down, 30 sheets (Mixed types/sizes of the same width - 20 lb. Bond); Max: 48 sheets 20 lb. Bond with 2 covers (140 lb. Index)
Saddle-Stitch	Up to 15 sheets (20 lb. Bond); Up to 14 sheets (20 lb. Bond) plus one page of 140 lb. Index; Max Sets - 25 bundles (1-5 sheets), 20 bundles (6-10 sheets), 10 bundles (11-15 sheets)

Paper Pass Unit (option)

Type	Installed into main unit (required for all output options)
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Large Capacity Tray (option 1)

Type	Large capacity Ledger tray
Paper Size	Letter, Letter-R, Legal, Ledger or 12" x 18"
Capacity	3,000 sheets
Paper Types	Plain paper, pre-printed, recycled, letterhead, pre-punched and colored paper up to 110 lb. index

Large Capacity Tray (option 2)

Type	Large capacity Letter tray
Paper Size	Letter size
Capacity	3,500 sheets
Paper Types	Plain paper, pre-printed, recycled, letterhead, pre-punched and colored paper up to 110 lb. index

Punch Unit (option)

Type	Floor style module
Ability	3-hole (portrait), 2-hole (short edge)
Dimensions	4-9/16" (w) x 23-5/8" (d) x 39-3/16" (h)
Weight	Approximately 17.6 lbs.

Inserter Unit (option)

Type	Floor style module
Capacity	100 sheets (20 lb. Bond)
Dimensions	17-15/16" (w) x 23-7/16" (d) x 41-11/32" (h)
Weight	Approximately 50.7 lbs.

Optional Equipment List

MX-LCX2	Large Capacity Letter Tray
MX-LCX3	Large Capacity Ledger Tray
MX-FNX3	Finisher (three-position stapling, 4,000-sheet stacking)
MX-FNX4	Saddle-stitch Finisher (three-position stapling, saddle-stapled, 4,000-sheet stacking)
MX-PNX2B	Hole Punch Unit (requires MX-FNX3 or MX-FNX4)
MX-PEX2	Fiery Controller (includes PostScript [®] 3™)
MX-RBX2	Paper Pass Unit (required for MX-FNX3, MX-FNX4)
MX-CFX1	Inserter (requires MX-FNX4 or MX-FNX3 + MX-PNX2B)
MX-PXK1	PostScript 3 Kit
MX-FWX1	Internet Fax Expansion Kit
MX-FXK1	Facsimile Expansion Kit
MX-KYBKITCOVEN	USB Keyboard Kit
MX-AMX1	Application Integration Module ¹
MX-AMX2	Application Communication Module ¹
MX-AMX3	External Accounting Module ¹
MX-FRX9U	Data Security Kit
AR-PF1	Bar Code Font
MX-USX5	Sharpdesk - 5 User License Kit
Supplies	
MX-71NTBA	Black Toner Cartridge
MX-70NTCA	Cyan Toner Cartridge
MX-70NTMA	Magenta Toner Cartridge
MX-70NTYA	Yellow Toner Cartridge
MX-71NVBA	Black Developer
MX-71NVSA	Cyan/Magenta/Yellow Developer
MX-70NRBA	Black OPC Drum
MX-27NRSB	OPC Drum for Cyan/Magenta/Yellow



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