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MX-3501N | Copiers

Specifications

Copy Speed	35 ppm B&W / 35 ppm color (8 1/2" x 11" Lateral Feed, Standard Resolution)
Automatic Duplex	Standard
Original Size	11" x 17" Max
Paper Feed	Standard: (2) 500-sheet cassettes Standard: (1) 100-sheet bypass tray Optional: (1) 500 sheet paper feed unit or (2) 500 sheet paper drawers and 3,500 sheet large capacity tray
Print Speed	35 ppm (8 1/2" x 11" lateral feed, standard resolution)
PDL	PCL6/PCL5c compatible, optional PS3
Resolution	600 x 600 dpi Full Color
Copier Specifications	
Type	Desktop, color multi-function digital document system
Standard Functions	Copy, print, network print, network scan, document filing
Optional Functions	B&W Super G3 Fax Kit, PS3 Expansion Kit, Internet Fax Kit, Application Integration Module and Bar Code Font Kit
Copy System	Dry electrostatic transfer/Dual component developer/Magnetic brush development/OPC drums/Heat Roller fusing/Xenon lamp exposure
Originals	Sheets and bond documents
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"
Continuous Copy	Maximum 999 copies


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Warm Up Time	240 seconds or less
Magnification	25% to 400% (1% increments and 9 presets; DSPF 25%-200%)
First Copy Time	Platen glass: 4.7 seconds (B&W); 6.9 seconds (color) DSPF: 7.3 seconds (B&W); 13.1 seconds (color). Based on letter size original using copy tray 1 with laser-unit motor running
Original Feed System	150-sheet duplex single pass feeder (DSPF) with Scan ² Technology
Paper Types	Paper drawers and large capacity tray: 16-28 lb. bond 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"x18" & envelope size). Categories: Plain paper (16-28 lb. Bond / 60-105 gsm), Heavy paper (28-56 lb. Bond / 90-110 Index / 106-209 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.
Memory	Standard 768 MB (copier); 640 MB (printer/network scanning)
Hard Disk Drive	80-GB HDD
Copy Resolution	Scan: monochrome/color: 600 dpi; Copy Output (B/W/Color): 600 dpi
Color Modes	Auto Color Selection, Full Color, B/W, Dual & Single Color Modes
Exposure Control	Modes: Text, Text/Photo, Text/Printed-Photo, Photo Settings: Auto exposure control or 9 step manual exposure
Halftone	Equivalent to 256 gradations and 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, 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-in1, Pamphlet, Photo Repeat, Multi-page Enlargement, Document Filing, Account Management, Job Programs, Stamp Mode (Date / Text / Page B&W / Color).
Account Control	Up to 1,000 users. Supports user-number authentication (on device), login name/password (on device) or login name/password (on device via LDAP).
Firmware	Flash ROM with USB and network update capability
Output Capacity	Main output tray 500 sheets (face down), 100 sheets in optional Job Separator Tray, and 1,000 sheets in optional finisher (output tray is user selectable).
Power Source	AC 10-127 VAC, 60 HZ, 12 Amps
ENERGY STAR®	Yes ¹ and RoHS compliant
Power Consumption	Approx Max: 1440W; Sleep Mode: 13W ; Low Power Mode: 185W
Weight	Approximately 282 lbs. (base model)
Dimensions	Base configuration: 25 7/16" (w) x 26 3/8" (d), x 37 13/16" (h)
Operating Systems	Windows® 98/ME, NT 4.0, XP, 2003 Server, Novell Netware 3x, 4x, 5x, MAC OS 9, OSX, (including 10.4)
Network Printing System	

Features	Continuous printing, duplex printing, pamphlet printing, N-up printing, image rotation, different cover page/last page, transparency inserts, tab printing, carbon copy print, fit-to-page, poster print, margin shift, mirror image, watermarks, overlay, confidential print, confidential batch print, print hold, proof print, bypass printing, job priority, job control, tandem printing and direct printing ² (Note: some features not available on certain print drivers)
Interface	Ethernet connection; 10/100 BaseT; USB 2.0
Software	Print driver, Printer Status Monitor, Printer Administration Utility
Network Protocols	TCP/IP for Windows and Unix environments including HTTPS and SSL. IPX/SPX for Novell environments and EtherTalk for Macintosh environments.
ROPM	Yes (rip once print many)
Direct Printing	File Types: TIFF, JPEG, PCL, TXT, PDF, Encrypted PDF, and PS (PS Expansion Kit required) Methods: FTP, Web page, Email and USB memory
Resident Fonts	80 outline fonts
Printing Protocols	LPR, IPP, PAP, Raw TCP (port 9100), FTP, Novell Pserver, Rprinter
Network Security	P/MAC address filtering, protocol filtering, port management, user authentication and document administration
Network Scanning System	
Max Original Size	11" x 17"
Original 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 Color: Grayscale, Color, TIFF, JPEG, PDF, Encrypted PDF Internet Fax: TIFF-FX, TIFF-F &TIFF-S

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 memory, Internet fax (option), Super G3 fax (option)
One-Touch	Up to 999 destinations (combined with scan destinations)
Group Destinations	Up to 500
Programs	48 (combined)
Max Jobs in Memory	Up to 94
Network Protocols	TCP/IP (Includes SMTP, LDAP, FTP, SMB, POP, ESMTP)
Network Security	E-mail server user authentication and user account control
Configuration Method	Web-based management with user/administrator level login security
Software	Sharpdesk desktop document management software (1 user license)
B&W Super G3 Fax Kit	Optional
Transmission Mode	Super G3, G3
Modem Speed	33.6 KBPS
Compression Type	JBIG, MMR, MR, MH
Scanning Method	Sheet fed simplex or duplex or book
Max Transmit Resolution	400 dpi (ultra-fine)
Transmission Speed	Approximately 2 seconds with JBIG ³
Auto Dialing	Up to 999 destinations (combined with scan destinations)
Group Destinations	Up to 500
Inbound Routing	Forwards received fax data to Email
Long Length Originals	Up to 31.5" (for transmission)
Programs	48 (combined)
Memory	8 MB (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, duplex reception transaction reports, activity reports and PC fax

Optional Equipment

MX-DEX3 Stand/1x500 Paper Deck
 MX-DEX4 Stand/2x500 Paper Deck
 MX-45ABD Rolling Cabinet Base
 MX-LCX1 Large Capacity Tray
 MX-FNX1 Inner Finisher
 MX-FNX2P Saddle Stitch Finisher/Paper Pass Unit
 MX-PNX1B Punch Unit (for Inner Finisher)
 AR-PN1B Punch Unit (for Saddle Stitch Finisher)
 MX-TRX2 Exit Tray Unit
 MX-PKX1 PS3 Expansion Kit
 MX-FWX1 Internet Fax Kit
 MX-FXX1 Facsimile Expansion Kit
 AR-PF1 Bar Code Font Kit
 MX-AMX1 Application Integration Module
 MX-FRX2U Data Security Kit (commercial version)

Supplies

MX-45NTBA Black Toner Cartridge
 MX-27NTCA Cyan Toner Cartridge
 MX-27NTMA Magenta Toner Cartridge
 MX-27NTYA Yellow Toner Cartridge
 MX-27NVBA Black Developer
 MX-27NVSA Cyan/Magenta/Yellow Developer
 MX-27NRSA Drum

Product specifications and design are subject to change without notice.

¹Sharp has determined that this product meets the ENERGY STAR® guidelines for energy efficiency. ENERGY STAR is a U.S. registered mark.

²Requires optional PostScript Kit.

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

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