



WORKGROUP COLOR DOCUMENT SYSTEMS



A full-color ledger-size document system that will meet virtually all of your business needs.

Boost workgroup efficiency and productivity with Sharp's new MX-2616N/MX-3116N full color MULTI-FUNCTION DOCUMENT SYSTEMS, designed to deliver amazing image quality and consistent day-to-day performance while also being easy to afford. Features include STANDARD PCL®6 compatible printing language, a HIGH RESOLUTION TOUCH-SCREEN color display with graphical user navigation for easy operation, and a TOTAL PAPER CAPACITY UP TO 3,100 SHEETS. Equipped with a powerful TRUE MULTI-TASKING controller that allows quick processing of even complex print jobs, the MX-2616N/MX-3116N produces HIGH-QUALITY, vibrant color documents in-house, helping you save time and money. Sharp's advanced device management tools make it simple for businesses to control system access, color usage and costs. Sharp's industry-leading security helps assure the confidentiality of your intellectual property. That's the SHARP DIFFERENCE.

High-Quality, Feature-Rich and a Strong Value.

- **True multi-tasking** full color document system
- **High-resolution 7" (diagonal) touch-screen** color display with graphical navigation
- **Standard PCL®6 compatible printing system** with available PostScript®3 and compatible XPS options*
- **600 x 600 dpi** printing provides clear, crisp image output
- **Advanced ImageSEND™** function scans documents to USB devices, network folders, E-mail and more
- **ImageSEND** function scans documents at up to **50 images per minute** in both black and color
- **Convenient Document Filing System** with **thumbnail view** and **image preview** features
- **Available 500 + 2,000 sheet tandem paper drawer**, for an online **capacity of 3,100 sheets***
- **Flexible paper handling** system feeds up to 110 lb. index through paper trays and up to 140 lb. index through the bypass tray
- **Super G3 fax** option with intelligent inbound routing*
- Supports Sharp's **award-winning** security platform with **standard 256-bit data encryption** and up to **7 times data overwrite protection**
- **Convenient end-of-lease feature** overwrites all job data, user data and network information at trade-in time
- **Remote front panel feature** allows users and administrators to view and control machine operations from a PC workstation
- **Environmentally-friendly design** offers low power consumption, fast warm up, compact design and long-life parts and supplies

*Some features require optional equipment and/or software.

MX-2616N/MX-3116N SPECIFICATIONS

Main Specifications

MX-2616N	Includes multi-tasking controller, 320 GB HDD with document filing system, PCL [®] 6 network printing, network scanning, 100-sheet RSPF, auto-duplex, one 500-sheet paper drawers and 100-sheet bypass. Black and color developer is included in the box.												
MX-3116N	Desktop, color multi-function digital document system												
Type	Desktop, color multi-function digital document system												
Display	7" (diagonally measured) color dot matrix touch panel. 800 x 480 dots (W-VGA)												
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	26/31 ppm B&W/Color (8½" x 11")												
Multiple Copy	Max. 999 copies												
First Copy Time (Seconds)²	<table border="1"> <tr> <td></td> <td>MX-2616N</td> <td>MX-3116N</td> </tr> <tr> <td></td> <td>Black Color</td> <td>Black Color</td> </tr> <tr> <td>Platen Glass</td> <td>5.9 8.1</td> <td>5.8 7.9</td> </tr> <tr> <td>Doc. Feeder</td> <td>9.1 11.6</td> <td>9.1 11.6</td> </tr> </table>		MX-2616N	MX-3116N		Black Color	Black Color	Platen Glass	5.9 8.1	5.8 7.9	Doc. Feeder	9.1 11.6	9.1 11.6
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	Black Color	Black Color											
Platen Glass	5.9 8.1	5.8 7.9											
Doc. Feeder	9.1 11.6	9.1 11.6											
Warm Up Time	18 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	5½" x 8½", 8½" x 11", 8½" x 11" R, 8½" x 14", 11" x 17" (13-32 lb. bond)												
Paper Capacity	Std. 600 sheets / Max. 3,100 sheets												
Paper Feed System	Standard: (1) 500-sheet paper drawer (letter/legal/ledger/statement size) and 100-sheet bypass tray (letter/legal/ledger/statement/envelope size). Optional: Single, double or triple drawer paper deck (500-sheets each drawer), tandem paper deck (500 + 2,000-sheets), letter/legal/ledger/statement size. See your local dealer for configurations.												
Paper Types	Paper drawers: 16 lb. bond -110 lb. index. 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), 28 lb. bond-140 lb. index (heavy paper), 20-24 lb. bond (Monarch/Com-10 envelope), tab paper (letter size only). Also label paper, gloss paper, pre-printed, recycled, pre-punched, letterhead, color paper and OHP film.												
Duplexing	Standard automatic duplex copying and printing												
CPU	Multi-processor controller												
Interface	RJ-45 Ethernet (10/100/1000Base-T), USB 2.0 (2 host ports, front and rear), USB 2.0 (1 device ports)												
Memory	Standard 3 GB + 2 GB option ¹												
Hard Disk Drive	320 GB												
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)												
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, mirror 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.												
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) 400 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 SRDM (Sharp Remote Device Management)												
Configuration Method	Web-based management with user/administrator level login, cloning (1 to N) with SRDM and remote front panel access												

Main Specifications (continued)

Service/Maintenance	Remote front panel access, remote access to service logs and click counts
Accessibility	Adjustment of Key Touch-Send and Speed, Concave Key, Document Feeder Free Stop, Job Programs, Remote Front Panel, Universal Grip for Paper Trays and Disable Screen Timeout
Environmental Standards	The International Energy Star Program (EPA) Ver. 1.2, Law on Promoting Green Purchasing [®] , European RoHS (Restriction of Hazardous Substances)
Power	AC 100-127 VAC, 60 Hz, 12 Amps
Power Cons.	Maximum: 1440 W
Weight	Approx. 166.7 lbs. (base model)
Dimensions	24" (w) x 25½" (d), x 33" (h)
Network Printing System	
PDL	Standard PCL6 compatible, optional PostScript [®] 3 TM compatible, optional XPS
Resolution	600 x 600 dpi
Print Speed	26/31 pages per minute (8½" x 11")
Print Drivers	Windows Server [®] 2003-2012, Windows [®] XP, Windows XP x64, Windows Server x64, Windows Vista [®] , Windows Vista [®] x64, Windows [®] 8, MAC OS [®] , OSX (including 10.4, 10.5-10.6, 10.7-10.8), all MAC PPD
Features	Auto configuration, continuous printing, electronic sorting, offset stacking, N-up printing, duplex printing, transparency inserts, margin shift, image rotation, different cover page, poster print, job bypass print, job retention, confidential print, proof print, user authentication, image stamp and watermarks, multiple pamphlet, network tandem print, carbon copy print mode, different cover page/last page/other page, form overlay, tab paper settings, tab printing, chapter inserts, page interleave and bar code font printing (requires MX-PF10 bar code font kit)
Direct Printing (optional)	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 (PCL), 136 fonts (PS)
Interface	RJ-45 Ethernet 10/100/1000 Base-T, USB 2.0
Operating Systems	Windows Server 2003-2008, Windows XP, Windows Vista, Windows 7, MAC OS X 10.4.11, 10.5-10.5.8, 10.6-10.6.8, 10.7-10.7.4 Novell [®] Netware [®] 3x, 4x, 5x, Sun [®] OS 4.1x, Solaris [®] 2x, Unix [®] , Linux [®] and Citrix [®] (Metaframe, Presentation Server 4, 4.5) and Windows Terminal Services. ¹
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 [®] , AppleTalk [®] for Macintosh [®] environments. ¹
Printing Protocols	LPR, IPP, IPPS, PAP, Raw TCP (port 9100), FTP and Novell Pserver/Rprinter
Network Security	IP/Mac address filtering, protocol filtering, port management, user authentication and document administration. ¹
Security Standards	IEEE-2600 TM 2008 for MFP devices, DoD (NSTISSP) #11, DoD Directive 8500.2, DoD (DISA) 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, 100 dpi
Image Formats	Monochrome: TIFF, PDF, PDF/A, Encrypted PDF, XPS Color: Grayscale, Color TIFF, JPEG, PDF, PDF/A, Encrypted PDF, XPS Internet Fax: TIFF-FX, FIFF-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 1000 (combined scan destinations)
Group Dest.	Up to 500
Programs	48 (combined)
Max. Jobs	Up to 94
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 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	Approx. 2 seconds with Super G3/JBIG ⁴
Auto Dialing	Up to 1000 (combined scan destinations)
Group Dial/Destinations	Up to 500
Inbound Fax Long Length	Routing: Forwards received fax data to E-mail Up to 31½" (for transmission)
Originals Programs	48 (combined)
Memory	1 GB (shared)
Halftone	256 levels
Features	Quick on-line transmission, direct transmission, F-Code transmission/reception, rotate transmission, in-bound fax routing, 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-PN11B (2 holes/3 holes)
Weight	Approx. 26.5 lbs.
Dimensions	24¾" (w) x 23½" (d) x 8" (h) (includes extended tray)

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-FN17	Finisher
MX-PN11B	3 Hole Punch Unit (Requires MX-FN17)
MX-TR13N	Exit Tray Unit
MX-PK11	PostScript 3 Kit
MX-PUX1	XPS Expansion Kit
MX-FX11	Fax Expansion Kit
MX-FWX1	Internet Fax Kit
MX-PF10	Bar Code Font Kit
MX-AMX1	Application Integration Module

Supplies

MX-23NTBA	Black Toner Cartridge
MX-23NTCA	Cyan Toner Cartridge
MX-23NTMA	Magenta Toner Cartridge
MX-23NTYA	Yellow Toner Cartridge
MX-36NVBA	Black Developer
MX-36NVSA	Cyan/Magenta/Yellow Developer
MX-36NRSA	Drum
MX-230HB	Toner Collection Container

¹ Some features may require optional equipment and/or software.

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.



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