

# SHARP

# MX-M354U/N MX-M314U/N MX-M264U/N

Digital Multifunctional System

Preliminary Product Information

## Give Office Work a Boost with This Highly Functional Colour Scan-Capable MFP



### Highly Productive Operation

- Speedy output of max. 35/31/26 ppm and fast first copy time of 4.0/4.4/4.9 sec.
- Electronic sorting and offset stacking functions
- Optional space-saving inner finisher for automated document stapling
- 100-sheet Reversing Single Pass Feeder\*1 and built-in stackless duplex module
- 50 opm scan speed for one-sided originals in colour and B/W
- Network tandem function\*2 doubles output speed by linking two MFPs
- Job Build function\*3 for scanning large-volume documents
- Standard 1,100-sheet paper capacity, expandable to max. 2,100 sheets

### Multi-Layered Security Solutions

- Data Security Kit (option) encrypts and erases data retained inside the MFP
- Supports the IEEE 802.1X standard for port-based network access control
- User authentication prevents unauthorised network scanning
- IP/MAC address filtering restricts unauthorised access
- SSL and IPsec enable data encryption for secure network communications
- Encrypted PDF for secure scanning
- Scan to Me function lets logged-in authorised users send scanned data to their own e-mail address simply by pressing the start button; prevents mis-sendings
- Stored data can be initialised when it's time to replace the MFP

### Superb Image Quality

- High-quality printing at 1,200 x 600 dpi\*4
- High-resolution imaging with 256-level greyscale; clearly reproduces fine lines, small text, and delicate halftones
- Seven exposure modes including Auto and Text/Photo provide optimum copy quality

### All-in-One Performance Plus Expandability

- Supports Gigabit Ethernet and the latest network protocols and operating systems
- PCL6\*1 and optional PS3 emulation
- Full-colour network scanning\*1 with scan to e-mail/FTP server/desktop/network folder/USB memory\*5, and support for JPEG, TIFF, XPS, PDF, and encrypted PDF formats
- Colour Document Filing function to instantly reuse job data stored on the HDD\*2
- Optional Super G3 fax and Internet fax\*2 that supports direct SMTP
- Sharpdesk for integrated, intuitive document management on a PC
- Sharp OSA Network Scanner Tool (client-based scan-to-desktop option) facilitates document scanning and management
- Sharp OSA (Open Systems Architecture)\*6 allows integration with network applications

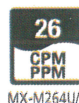
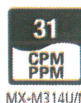
### Enhanced Usability

- 7.0-inch, touchscreen colour LCD control panel
- Thumbnail display and previews\*2 allow pre-confirmation of copy/send/save jobs
- Retractable QWERTY keyboard (option) allows easy text entry
- Control panel can be remotely displayed and operated on a PC\*7
- USB port at the front of the MFP allows easy print from\*/scan to USB memory
- Easy-grip handles allow for easy opening/closing of paper drawers
- Proof Copy function\*2 lets users output and check one set from a large-volume copy job before outputting the remaining sets

### Environmentally Advanced Design

- Lead- and chromium-free design (RoHS compliant)
- Certified for ENERGY STAR®
- Short warm-up time of 20 sec. or less contributes to overall energy savings
- Lower TEC value than conventional models
- Optimises auto power shut-off mode settings based on prior usage patterns\*2

\*1 Standard on N models, optional for U models \*2 Requires optional MX-HD12 \*3 Requires RSPF  
\*4 U models require optional MX-PB15 \*5 Scan to USB memory is standard on both N and U models \*6 Requires optional MX-HD12, MX-AMX2, and/or MX-AMX3 \*7 Requires VNC application \*8 N models: Direct TIFF/JPEG printing is standard; direct PDF printing is optional. U models: All types of direct printing is optional.



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COPY

NETWORK PRINT

NETWORK COLOUR SCAN  
OPTION for U models

SHARPDISK  
OPTION for U models

FAX  
OPTION



**SPECIFICATIONS** (tentative)

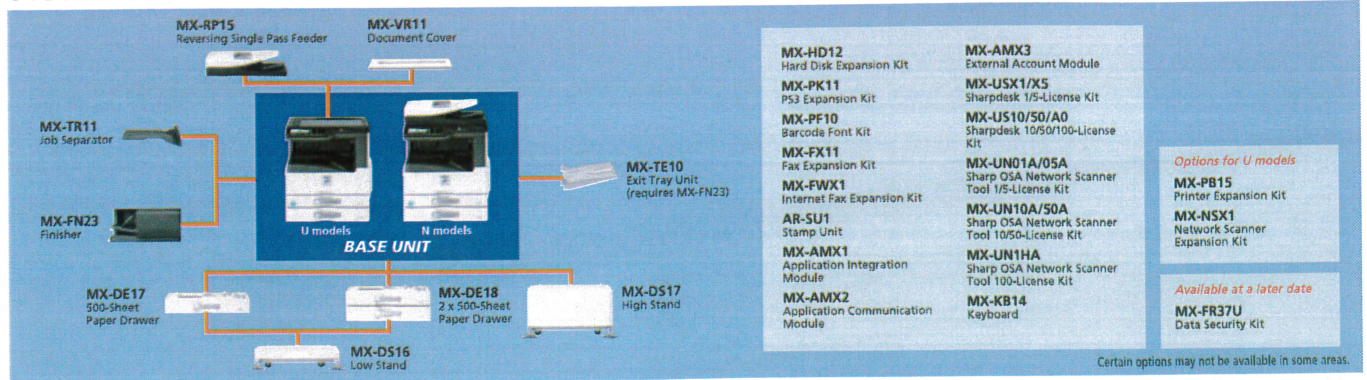
General	
Type	Desktop
Engine speed	Max. 35/31/26 cpm/ppm (A4, 8 1/2" x 11", long-edge feeding)
Paper size	Max. A3 (11" x 17"), min. A5 (5 1/2" x 8 1/2")
Paper capacity (80 g/m <sup>2</sup> )	Standard: 1,100 sheets (two 500-sheet trays and 100-sheet multi-bypass tray) Maximum: 2,100 sheets
Paper weight	Tray: 56 g/m <sup>2</sup> to 105 g/m <sup>2</sup> (13 lbs bond to 28 lbs bond) Multi-bypass tray: 56 g/m <sup>2</sup> to 200 g/m <sup>2</sup> (13 lbs bond to 110 lbs index)
Warm-up time*1	20 sec. or less
Memory	[Standard] 2GB (copy/print shared) [Option] 160GB HDD*2
Power requirements	Rated local AC voltage ±10%, 50/60 Hz
Power consumption (max.)	1.84 kW (220 to 240V), 1.44 kW (100 to 127V)
Dimensions (W x D x H)	[U models] 625 x 645 x 686 mm (24 3/8" x 25 3/8" x 27 1/8")*3 [N models] 625 x 645 x 799 mm (24 3/8" x 25 3/8" x 31 1/8")*3 [U models] 46.5 kg/102.5 lbs (220 to 240V), 46.0 kg/101.4 lbs (100 to 127V) [N models] 52.1 kg/114.9 lbs (220 to 240V), 51.6 kg/113.8 lbs (100 to 127V)
Weight (approx.)	
Features	Job build*5, document filing*4, pre-heat/auto power shut-off modes, user authentication (1,000 accounts), toner save mode, preview*4, thumbnail view*4*6

Copier	
Original paper size	Max. A3 (11" x 17")
First copy time*7	4.0/4.4/4.9 sec.
Continuous copy	Max. 999 copies
Resolution	Scan: 600 x 600 dpi, 600 x 400 dpi, 600 x 300 dpi Print: 600 x 600 dpi
Gradation	Scan: 256 levels      Print: 2 levels
Zoom range	25% to 400% (25% to 200% using RSPF) in 1% increments
Preset copy ratios	Metric: 10 ratios (5R/5E), Inch: 8 ratios (4R/4E)
Features	Auto paper selection (mixed/random size feeding), auto magnification selection, paper type selection, auto tray switching, rotation copy, electronic sorting, network tandem copy*4, book copy, margin shift, dual page copy, multi-shot (4-in-1, 2-in-1), cover/transparency/tab page insertion, pamphlet copy, 2-sided copy orientation change, XY zoom, B/W reverse, mirror image, duplex copy, job reservation, job program, photo repeat, irregular original/paper size input, tab copy, centering, stamps (date, page number, text, stamp), multi-page enlargement, proof copy*4, watermarks*4, sharpness, card shot, original count, edge/centre side erase

Network Colour Scanner (optional MX-NSX1 required for U models)	
Scan method	Push scan (via control panel), pull scan (TWAIN-compliant application)*4
Resolution	Push scan: 100, 200, 300, 400, 600 dpi Pull scan: 75, 100, 150, 200, 300, 400, 600 dpi 50 to 9,600 dpi via user setting
File formats	TIFF, PDF, encrypted PDF, JPEG (colour only), XPS*8
Scanner utility	Sharpdesk
Scan destinations	Scan to e-mail/desktop/FTP server/network folder (SMB)/USB memory*9
Features	Internet fax*10 (supports direct SMTP), PC-Internet fax transmission*10, auto colour mode, mixed size original scanning, LDAP support, direct entry (address, subject, message), 500 group dials, 1,000 one-touch dials, 48 job programs, broadcasting, long original scanning (max. 1,000 mm)*11, auto colour selection, card shot, original count, edge/side erase

Document Filing (optional MX-HD12 required)	
Document filing capacity	Main and custom folders: 20,000 pages*12 or 3,000 files Quick file folder: 10,000 pages*12 or 1,000 files
Stored jobs*13	Copy, print, scan, fax transmission
Storage folders	Quick file folder, main folder, custom folder (max. 1,000 folders)
Confidential storage	Password protection

**SYSTEM CONFIGURATION**



Network Printer	
Resolution	1,200 x 600 dpi*14, 600 x 600 dpi
Interface	USB 2.0, 10Base-T/100Base-TX/1000Base-T
Supported OS*15	Windows Server® 2003/2008, Windows® XP, Windows Vista®, Windows® 7, Mac OS X 10.4.11, 10.5 to 10.5.8, 10.6 to 10.6.8, 10.7 to 10.7.2
Network protocols*15	TCP/IP (IPv4, IPv6), IPX/SPX (NetWare), NetBEUI, EtherTalk (AppleTalk)
Printing protocols	LPR, Raw TCP (port 9100), POP3 (e-mail printing), HTTP, Novell Printserver application with NDS and Bindery, FTP for downloading print files, EtherTalk printing, IPP
PDL (emulation)	[U models] Standard: Sharp Advanced Printing Language Option*16: PCL 6 emulation, PS3 emulation [N models] Standard: PCL 6 emulation Option*17: PS3 emulation
Available fonts	80 fonts for PCL, 136 fonts for PS3 emulation
Features*13*18	RIP Once/Print Many, job retention (proof print, confidential print), duplex print, pamphlet style, Sharp Remote Device Manager, printer status monitor, IP/MAC address filtering, port/protocol management, binding edge, N-up (2/4/6/8/9/16), paper tray selection, cover/transparency insertion, fit to page, watermarks, auto configuration, poster print, margin shift, secure network communications (SSL and IPsec [LPP]), network tandem print, direct PDF/TIFF/PEG printing, carbon copy print, font/form download, tab print, barcode font compatibility

Facsimile (optional MX-FX11 required)	
Compression method	MH/MR/MMR/JBIG
Communication protocol	Super G3/G3
Transmission time	Less than 3 seconds*19
Modem speed	33,600 bps to 2,400 bps with automatic fallback
Transmission resolution	From Standard (203.2 x 97.8 dpi) to Ultra Fine (406.4 x 391 dpi)
Recording width	A3 to A5 (11" x 17" to 5 1/2" x 8 1/2")
Memory	512MB, max. 1GB*4
Grey scale levels	Equivalent to 256 levels
Features	Duplex transmission/reception, quick on-line transmission, error correction mode, LDAP support, 500 group dials, 1,000 one-touch dials, 48 job programs, broadcasting number registration, F-Code compatibility (confidential, relay broadcast), polling, memory transmission/reception, auto reduction (transmission/reception), rotation transmission/reception, print actual size, 2-in-1 transmission, long original transmission (max. 1,000 mm), PC-Fax transmission, timer transmission, inbound routing*4 to fax/Internet fax/e-mail/FTP server/network folder (SMB)/PC desktop, activity report, anti-junk fax, dual page scan, card shot, edge/side erase, mixed size original scanning, original count

\*1: At rated voltage, 23°C (73.4°F). May vary depending on operating conditions and environment.  
 \*2: HDD capacity depends on procurement and sourcing status. \*3: Including document cover. \*4: Optional MX-HD12 required. \*5: U models require optional MX-RP15. \*6: Thumbnails of Document Filing data files and incoming faxes. \*7: Long-edge feeding of A4 (8 1/2" x 11") sheets from 1st paper tray, using document glass, MFP in fully ready condition. May vary depending on operating conditions and environment. \*8: To view XPS files on PCs not running Windows Vista, you must have the XPS Viewer application installed. \*9: Scan to USB memory is standard on both N and U models (MX-NSX1 is not required). \*10: Optional MX-HD12 and MX-FW11 required. \*11: B/W documents only, scanned at under 400-dpi resolution. Max. 800 mm for Internet faxing or when scanning at 600 x 600-dpi resolution. \*12: Measured using Sharp's standard chart (A4 with 6% coverage, B/W). The storage capacity will be less for colour pages. \*13: Some features require option(s). \*14: U models require optional MX-PB15. \*15: Optional MX-PK11 required for Mac OS and EtherTalk. \*16: PCL requires optional MX-PB15. PS requires optional MX-PK11 and MX-PB15. \*17: Requires optional MX-PK11. \*18: Some features are not available according to the printer driver used. \*19: Based on Sharp's standard chart with approx. 700 characters (A4 or 8 1/2" x 11" long-edge feeding) at standard resolution in Super G3 mode, 33,600 bps, JBIG compression.  
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