

SHARP

MX-M316N MX-M266N

Digital Multifunction System



Full-Function Efficiency
and Ease of Use from an
All-Around Player



COPY

NETWORK PRINT

NETWORK
COLOUR SCAN

FAX
OPTION

Balancing Document Demands and Ease of Use— Efficiency in Action

Sharp's MX-M316N/M266N delivers the ideal balance of high performance and exceptional ease of use. Four-in-one function and an array of user-friendly features make this B/W MFD a practical and productive addition to small or medium-size offices, where it can boost efficiency as the central document solution, and to larger workplaces, where it can quickly handle the diverse document demands of small workgroups.



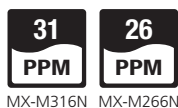
: Copy : Print : Scan : Fax

PRODUCTIVITY

Super-Efficient Output

The MX-M316N/M266N delivers a fast output of **31/26 ppm***. The first copy comes out in just **4.3 seconds** to save valuable time when performing multiple short-run jobs.

*A4, long-edge feeding



Standard-Equipped RSPF and Duplex Module

The MX-M316N/M266N comes equipped with a **100-sheet RSPF** (reversing single pass feeder) and has a built-in stackless duplex module for making **two-sided copies and printouts**. For added convenience, the MX-M316N/M266N also works as a **full-colour network scanner**.



Handy USB Ports

One of the two USB ports on the MX-M316N/M266N is located at the front of the MFD to the side of the control panel. It comes in handy when printing data directly from USB memory devices and when scanning directly to such devices.*

*USB direct printing requires optional MX-HD14. Direct PDF printing additionally requires optional MX-PK11. Scan to USB Memory does not require any options.



Inner Finisher and Job Separator Options

With the help of the space-efficient **Finisher** option, the MX-M316N/M266N can handle document sorting and stapling jobs with automated ease. The handy **Job Separator** option prevents copy/print/fax jobs from getting mixed together in the main tray by letting you send one of the job types to the Job Separator tray.



Large Paper Capacity

For large-volume jobs and a wider selection of available paper sizes, the MX-M316N/M266N can accommodate two types of extra paper drawers for a total paper capacity of **2,100 sheets**.



Other Key Features

- **Mixed Size Original Copy and Scan** automatically distinguishes documents of mixed sizes* fed through the RSPF.
*Some restrictions apply when combining paper sizes of different format series.
- **Multi-Shot** copying and **N-up** printing
- **Card Shot** enables easy copying and scanning of both sides of a card onto a single page.
- **Job Build** makes it possible to do large-volume copy/scan jobs that exceed the RSPF's 100-sheet* paper capacity.
*A4, 80 g/m²

SUPERB IMAGE QUALITY

High-Resolution Output

The MX-M316N/M266N's print engine provides **1,200 x 600 dpi** printing for ultra-clear image quality. Fine lines and small text come out crisper and easier to read.

PCL 6 and PostScript® 3™

The MX-M316N/M266N supports **PCL 6** for enhanced font compatibility. And the optional MX-PK11 PS3 Expansion Kit brings compatibility with **PostScript® 3™** for improved graphics handling.

Enhanced Scanning

Through an advanced three-step process, **Auto Colour Mode** provides fully automated colour scanning. Here's how it works: **Auto Colour Selection** automatically determines whether a page is colour or B/W. Page contents are then analysed to distinguish between different components, such as photos and text, and the appropriate scan mode is selected. Finally, Background Suppression automatically removes unnecessary background colour.

Auto Colour Mode



Original

Text comes out crisp and clear, and unnecessary background colour is automatically removed

Auto recognition



Scanned image



EASE OF USE

User-Friendly Control Panel

The MX-M316N/M266N is equipped with a **7.0-inch WVGA touchscreen colour LCD** that provides easy navigation of MFD functions and settings. Displaying **thumbnails*** and up-close **previews*** of Document Filing* data files on the MFD's LCD makes file searching easy and convenient. It also lets users confirm scan settings and other items before copying, scanning, or saving documents to the MFD's hard disk. For added ease of use, two **LED lamps**—one red and the other green—on the control panel light up to notify users of machine/job status.

*Requires optional MX-HD14.



Preview*
*Copy previews are in B/W.



Easy-Grip Handles

Easy-grip handles allow the paper drawers to be grasped from the top as well as the bottom for easy opening and closing.



OTHER KEY FEATURES

For further information on these features, please refer to Sharp's solutions brochure.

INFORMATION SHARING

Multiple Distribution of Scanned Files

You can choose different ways to distribute your scanned documents: for example, send as an e-mail attachment, scan directly to an FTP server for storage, or scan to external memory.



Sharpdesk

With **Sharpdesk** integrated document management software, scanned files can be organised, edited, converted, and combined with ease, and Full Text Search can bring easy document retrieval.

Document Filing*

Document Filing allows processed data to be saved in designated folders on the MFD's hard disk, where they can be instantly recalled for printing and sending at a later time.

*Requires optional MX-HD14.

Versatile Fax Functions (option)

- **Super G3 Fax** with **duplex transmission/reception** can send and print out two-sided documents.
- **Internet Fax*** allows economical fax transmission/reception between this unit and other Internet fax machines.
- **Inbound Routing*** lets you check incoming faxes via e-mail before printing, or forward them to another FTP server, fax machine, etc.

*Additionally requires optional MX-HD14.

EXPANDABILITY

Sharpdesk Mobile*

Sharpdesk Mobile is a mobile print/scan application that connects the MFD to mobile devices via wireless LAN.

*Availability varies by country/region. For details, see the Sharpdesk Mobile support Web site:
http://sharp-world.com/products/copier/docu_solutions/mobile/sharpdesk_mobile/

Sharp OSA* (Open Systems Architecture)

Sharp OSA allows integration with network applications.

*Requires optional MX-HD14 and MX-AMX2 and/or MX-AMX3.

MULTI-LAYERED SECURITY

Network Security and Access Control

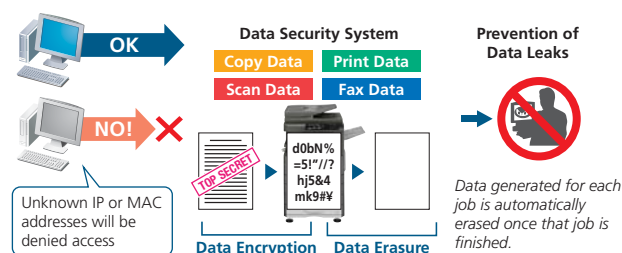
- **IP/MAC Address Filtering** prevents unauthorised access to networked MFDs by allowing access only to PCs that have a registered IP or MAC address.
- **SSL** (secure sockets layer) and **IPsec** data encryption technologies ensure secure network communications.
- **User Authentication** covering up to 1,000 users prevents unauthorised MFD use by requiring access passwords.

Data Protection

- Job data is automatically **encrypted** before being saved to the MFD's internal storage. Once a job is finished, its encrypted data is **erased** by up to 10 automatic overwrites.

Note: Requires optional MX-HD14. Contact a Sharp customer representative for details on activating these security functions.

- **Confidential Print*** function requires the user to enter in a password at the machine before printing can begin.
*Requires optional MX-HD14.
- Retained data can be **initialised** when it's time to replace the MFD, preventing the leakage of confidential information.



ENVIRONMENT-FRIENDLY

Outstanding Eco Technologies

- **Power ON/OFF Schedule** function automatically turns the MFD on or off per administrator-set schedules.
- Based on prior usage patterns, the MX-M316N/M266N automatically determines the optimal length of time to let elapse before going into auto power shut-off mode, helping reduce overall power consumption.
Note: Requires optional MX-HD14.
- **Eco Scan** function saves energy by keeping the fusing system shut down during jobs that don't require its use.

SPECIFICATIONS

General

Type	Desktop
Engine speed	A4*1: Max. 31/26 ppm A3: Max. 17/15 ppm 7.0-inch colour LCD touchscreen
Control panel display	Max. A3, min. A6*2
Paper size	Standard: 1,100 sheets (500-sheet tray x 2 and 100-sheet multi-bypass tray)
Paper capacity	Maximum: 2,100 sheets (1,100 sheets & optional 500-sheet tray x 2)
Paper weight	Tray: 55 g/m ² to 105 g/m ² Multi-bypass tray: 55 g/m ² to 200 g/m ²
Warm-up time*3	20 sec.
Memory	Standard: 2GB (copy/print shared) Option: 250GB HDD*4
Power requirements	230-240V AC, 50/60 Hz
Power consumption	Max. 1.45 kW
Dimensions (W x D x H)	620 x 617 x 830 mm
Weight (approx.)	51 kg

Copier

Original paper size	Max. A3
First copy time*5	4.3 sec.
Continuous copy	Max. 999 copies
Resolution	Scan: 600 x 600 dpi, 600 x 400 dpi, 600 x 300 dpi*6 Print: 600 x 600 dpi
Gradation	Scan: 256 levels Print: 256 levels (equivalent)
Zoom range	25% to 400% (25% to 200% using RSPF) in 1% increments
Preset copy ratios	10 ratios (5R/5E)

Network Colour Scanner

Scan method	Push scan (via control panel) Pull scan (TWAIN-compliant application)*7
Scan speed*8	[Colour & B/W] Max. 56 originals/min.
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, PDF/A, encrypted PDF, JPEG*9, XPS
Scanner utility	Sharpdesk
Scan destinations	Scan to e-mail/desktop/FTP server/network folder (SMB)/ USB memory

Document Filing (optional MX-HD14 required)

Document filing capacity*10	Main and custom folders: 20,000 pages or 3,000 files
Stored jobs*11	Quick file folder: 10,000 pages or 1,000 files
Storage folders	Copy, print, scan, fax transmission
Confidential storage	Quick file folder, main folder, custom folder (max. 1,000 folders) Password protection (for main and custom folders)

Network Printer

Resolution	1,200 x 600 dpi, 600 x 600 dpi
Interface	USB 2.0, 10Base-T/100Base-TX/1000Base-T
Supported OS*12	Windows Server® 2003, Windows Server® 2003 R2, Windows Server® 2008, Windows Server® 2008 R2, Windows Server® 2012, Windows Server® 2012 R2, Windows Server® 2016, Windows Vista®, Windows® 7, Windows® 8, Windows® 8.1, Windows® 10 Mac OS X 10.4, 10.5, 10.6, 10.7, 10.8, 10.9, 10.10, 10.11, 10.12
Network protocols*12	TCP/IP (IPv4, IPv6), IPX/SPX (NetWare), EtherTalk (AppleTalk)
Printing protocols*13	LPR, Raw TCP (port 9100), POP3 (e-mail printing), HTTP, FTP for downloading print files, EtherTalk printing, IPP
PDL	Standard: PCL 6 emulation Option: PostScript® 3™ emulation*14
Available fonts	80 fonts for PCL, 136 fonts for PostScript 3 emulation

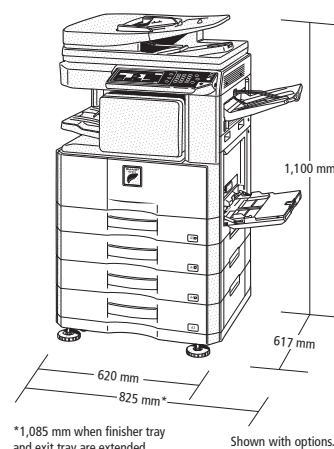
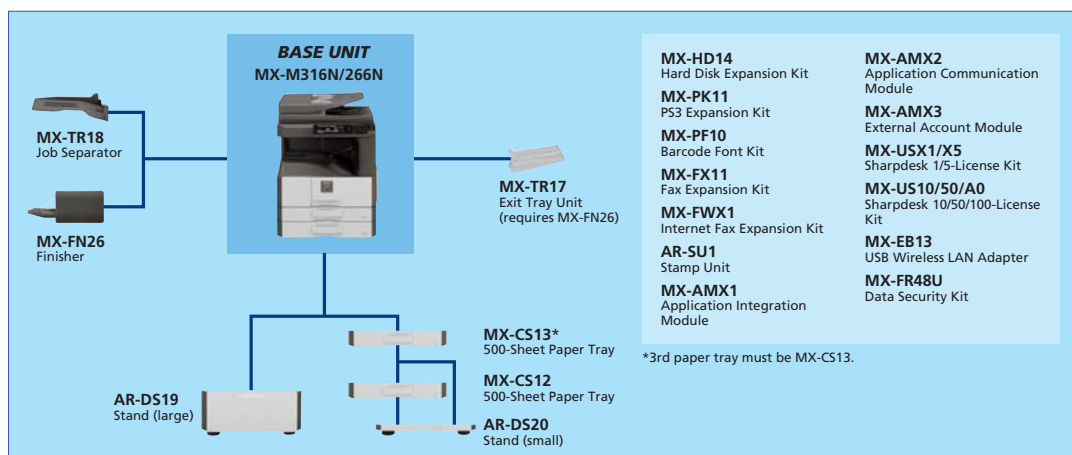
Facsimile (optional MX-FX11 required)

Compression method	MH/MR/MMR/JBIG
Communication protocol	Super G3/G3
Transmission time	Less than 3 seconds*15
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 size	A3 to A5
Memory	512MB, max. 1GB*7
Greyscale levels	Equivalent to 256 levels

*1: Long-edge feeding. *2: Short-edge feeding only. *3: At rated voltage, 23°C. May vary depending on operating conditions and environment. *4: HDD capacity depends on procurement and sourcing status. *5: Long-edge feeding of A4 sheets from 1st paper tray, using document glass, MFD in fully ready condition. May vary depending on operating conditions and environment. *6: Not available when using RSPF. *7: Requires optional MX-HD14. *8: Based on Sharp's A4 standard chart, using document feeder, long-edge feeding, and one-sided scanning. Using factory default settings with Auto Colour Selection off. Scan speed will vary depending on the type of document and the scan settings. *9: Colour only. *10: Storage capacity will vary depending on the type of document and the scan settings. *11: Some features require option(s). *12: Optional MX-PK11 required for Mac OS and EtherTalk. *13: IPv6 is supported only by LPR printing protocol. *14: Requires optional MX-PK11. *15: Based on Sharp's standard chart with approx. 700 characters (A4 long-edge feeding) at standard resolution in Super G3 mode, 33,600 bps, JBIG compression.

- Design and specifications are subject to change without prior notice.
- Colour variations to products may occur due to printing.
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SYSTEM CONFIGURATION



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