

A Four-Function Advantage That Begins with Colour Scanning



Productive Copying

- Quick copy speed of 20/16/16 cpm and fast 7.2 sec. first copy time
- Scan Once/Print Many function stores a scanned original into memory to quickly produce up to 999 pages of each page
- Electronic Sorting automatically collates multiple sets of copies in page order without the aid of a sorter
- Built-in stackless duplex module* for efficient two-sided copying
- Optional 40-sheet Reversing Single Pass Feeder (RSPF)* or 40-sheet Single Pass Feeder (SPF)
- Standard 600-sheet (MX-M200D) or 350-sheet (MX-M160D/M160) paper capacity, expandable to max. 1,100 sheets
- Digital auto exposure control and Text/Photo mode provide optimum copy quality
- Versatile editing functions include Card Shot, XY zoom, and rotation copy

Efficient Printing with Network Expandability

- Sharp Printer Language with Compression (SPLC) speeds up the data transfer time and printing process
- RIP Once/Print Many function for efficient printing of max. 20/16/16 ppm
- Optional PCL5e/PCL6 and PS3 emulation
- Upgradeable to network printing; supports commonly used network protocols and operating systems
- Network utilities (option): Printer Administration Utility allows easy network setup and Printer Status Monitor allows remote printer status monitoring
- IP/MAC address filtering restricts unauthorised access (option)
- Convenient printing functions include duplex printing*, N-up, fit-to-page, watermarks, and direct PDF/TIFF printing (option)

A3 Colour Scanning

- Full-colour scanning at 600 dpi and up to A3 in size
- Convenient scan utility software: Sharpdesk for easy document management and Button Manager for making scan settings
- Upgradeable to network colour scanning: scan to e-mail/FTP server/desktop
- LDAP support for easy browsing of e-mail addresses (option)

Speedy Faxing (option)

- Super G3 modem and JBIG compression for fast transmission
- Quick on-line transmission shortens waiting time
- PC-fax function enables fax transmission from a PC
- Duplex fax transmission and reception*
- Max. 300 one-touch auto dials

Other Key Features

- Job Separator (option) outputs copies and printouts/faxes onto separate trays
- New control panel based on universal design concept
- Lead- and chromium-free design (RoHS compliant)
- Certified for Energy Star and conforms to standards set for the Nordic Swan and Blue Angel environmental label

* Available on MX-M200D/M160D



SPECIFICATIONS (tentative)

General	
Type	Desktop
Engine speed	Max. 20/16/16 cpm/ppm (A4, 8 1/2" x 11")
Paper size	Max. A3 (11" x 17"), min. A6 (5 1/2" x 8 1/2")
Paper capacity	MX-M200D: 600 sheets (250 x 2 + 100), max. 1,100 sheets
(80 g/m ²)	MX-M160D/M160: 350 sheets (250 + 100), max. 1,100 sheets
Paper weight	Tray: 56 g/m ² to 90 g/m ² (15 to 24 lbs bond)
	Multi-bypass tray: 56 g/m ² to 200 g/m ² (15 lbs bond to 110 lbs index)
Warm-up time	Less than 45 sec.
Memory	MX-M200D/M160D: 48MB (shared)
	MX-M160: 32MB (shared)
	Optional memory: 256MB (AR-SM5)
Power requirements	Rated local AC voltage ±10%, 50/60 Hz
Power consumption (max.)	1.2 kW
Dimensions (W x D x H)*1	MX-M200D: 590 x 574 x 522 mm (23 15/64" x 22 19/32" x 20 35/64")
	MX-M160D: 590 x 574 x 437 mm (23 15/64" x 22 19/32" x 17 13/64")
	MX-M160: 590 x 574 x 470 mm (23 15/64" x 22 19/32" x 18 1/2")
Weight (approx.)*1	MX-M200D: 33.0 kg (72.8 lbs)
	MX-M160D: 28.1 kg (62.0 lbs)
	MX-M160: 29.7 kg (65.5 lbs)
Features	Toner save mode, pre-heat/auto power shut-off modes, copy/print/scan user control*2 (50 accounts total)

Copier	
Original paper size	Max. A3 (11" x 17")
First copy time*3	7.2 sec.
Continuous copy	Max. 999 copies
Resolution	Scan: 600 x 600 dpi (Photo mode), 600 x 300 dpi (Auto/Text mode)
	Print: 600 x 600 dpi
Gradation	Scan: 256 levels
	Print: 2 levels
Zoom range	25% to 400% (50% to 200% using RSPF/SPF) in 1% increments
Preset copy ratios	10 ratios (5 reduction + 5 enlargement)
Features	Auto paper selection, auto magnification selection, auto tray switching, rotation copy, Scan Once/Print Many, electronic sorting, original paper size input, 2-sided copy orientation change, margin shift, XY zoom, edge/centre erase, dual page copy, interrupt, stream feeding, multi-shot (4-in-1, 2-in-1), card shot, duplex copy*4, offset stack

Printer	
Resolution	600 x 600 dpi
Interface	USB 2.0
Supported OS	Windows® 2000/XP, Windows Vista®
PDL (emulation)	Standard: SPLC (Sharp Printer Language with Compression)
	Option*5: PCL 6/5e emulation, PS3 emulation
Available fonts	80 fonts for PCL, 136 fonts for PS3 emulation
Features	RIP Once/Print Many, duplex print*4, N-up (2/4/6), fit to page, image orientation, auto paper selection, rotation print, output tray selection, image adjustment, pure black and white, watermarks, status window, offset print

Colour Scanner	
Scan method	Push scan (via control panel), pull scan (TWIN-compliant application)
Resolution*6	Push scan: 75, 100, 150, 200, 300, 400, 600 dpi
	Pull scan: 75, 100, 150, 200, 300, 400, 600 dpi
	50 to 9,600 dpi via user setting
Interface	USB 2.0
Supported OS	Windows® 2000/XP, Windows Vista®
Scanner utilities	Button Manager, Sharpdesk

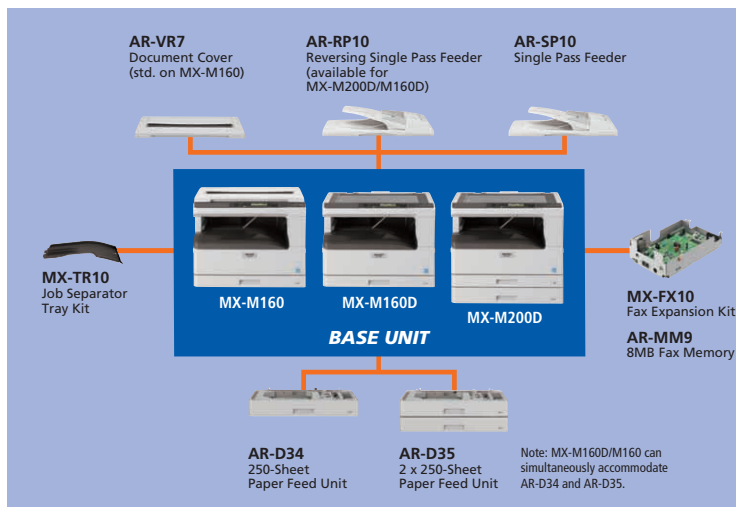
Network Printing/Scanning (optional MX-NB10 required)	
Network interface	USB 2.0, 10Base-T/100Base-TX
Supported OS*7	Windows® 2000/XP, Windows Server® 2003/2008, Windows Vista®
	Mac OS 9.0 to 9.2.2, Mac OS X 10.2.8, 10.3.9, 10.4.11, 10.5 to 10.5.6
Network protocols*7	TCP/IP, IPX/SPX (NetWare), NetBEUI, EtherTalk (AppleTalk)
File formats	PDF, TIFF, JPEG
Print resolution	600 dpi, 300 dpi*8
Scan resolution*6	75, 100, 150, 200, 300, 400, 600 dpi
Memory	64MB, expandable to max. 320MB with SO-DIMM 256MB (144-pin)
Features*9	Printer administration utility, printer status monitor, LDAP support, IP/MAC address filtering, port/protocol management, direct PDF/TIFF printing, barcode font compatibility, font/form download, network scan (scan to e-mail/FTP server/desktop)

Facsimile (optional MX-FX10 required)	
Compression method	MH/MR/MMR/JBIG
Communication protocol	Super G3/G3
Transmission time	Less than 3 seconds*10
Modem speed	33,600 bps to 2,400 bps with automatic fallback
Transmission resolution	From Standard (203.2 x 97.8 dpi) to Super Fine (406.4 x 391 dpi)
Recording width	A3 to A5 (11" x 17" to 5 1/2" x 8 1/2")
Memory	2MB flash memory
	Optional memory: 8MB (AR-MM9)
Grey scale levels	Equivalent to 256 levels
Features	Rapid and group dials (50 in total), 300 one-touch dials, 9 job programmes, broadcasting (200 destinations), polling, memory transmission/reception, quick on-line transmission, auto reduction (transmission/reception), rotation transmission/reception, long original transmission (max. 800 mm), divided reception, timer transmission, F-Code compatibility (confidential, relay broadcast), duplex transmission/reception*4, PC-Fax transmission, activity report, anti-junk fax

- * 1 : Dimensions and weight include two paper trays for MX-M200D, one paper tray for MX-M160D, and document cover and one paper tray for MX-M160.
- * 2 : Optional MX-NB10 required for print/scan user control.
- * 3 : When feeding A4 (8 1/2" x 11") sheets from top paper tray, polygon motor running.
- * 4 : Available on MX-M200D/M160D.
- * 5 : Optional MX-NB10 required. Optional MX-PK10 also required for PostScript printing.
- * 6 : Scan resolution varies according to the amount of memory installed.
- * 7 : Optional MX-PK10 required for Mac OS and EtherTalk.
- * 8 : 300 dpi can be selected only when using the PCL6 or PCL5e printer driver.
- * 9 : Some features require options.
- * 10 : Based on an A4 document with approx. 700 characters at standard resolution in Super G3 mode, 33,600 bps, JBIG compression.

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SYSTEM CONFIGURATION



CONTROL PANEL



(for MX-M200D/M160D, when equipped with fax option)

OPTIONS

- MX-NB10** Network Printing/Scanning Expansion Kit
- MX-USX1/X5** Sharpdesk 1/5-License Kit
- MX-US10/50/A0** Sharpdesk 10/50/100-License Kit
- AR-SM5** 256MB Expansion Memory Board
- MX-PK10** PS3 Expansion Kit
- AR-PF1** Barcode Font Kit
- AR-PF2** Flash ROM Kit

Certain options may not be available in some areas.