

A Multifunctional Powerhouse for Fast, Secure Document Workflow



Highly Productive Output

- Speedy output of max. 70/62/55 ppm and fast first copy time of 3.5/4.0/4.0 sec.
- Professional job finishing options include saddle stitch finisher and inserter
- Standard 150-sheet Duplex Single Pass Feeder and stackless duplex module
- 76 opm scan speed for two-sided originals and 65 opm for one-sided originals
- Network tandem function*¹ doubles output speed by linking two machines
- Standard 3,100-sheet paper capacity, expandable to max. 6,600 sheets
- Job Build function for large-volume documents

Multi-Layered Security Solutions

- Secure network interface card*¹ restricts unauthorised access with IP/MAC address filtering
- Optional Data Security Kit encrypts and erases data retained inside the machine
- SSL and IPsec*² enable secure network communications
- Confidential Print secures printing with PIN code authentication
- User authentication prevents unauthorised network scanning

Superb Image Quality

- High-resolution imaging with 256-level greyscale; clearly reproduces fine lines, small text, and delicate halftones
- Digital auto exposure control and Text/Photo mode provide optimum copy quality
- Feedback process control monitors toner density to maintain print quality

All-in-One Performance

- Powerful network printing with network utilities*¹
- Supports the latest network protocols and operating systems
- Standard PCL5e/PCL6 and optional PS3 emulation
- Optional network scanning with scan to e-mail/FTP server/HDD/desktop/network folder (SMB), and support for TIFF and PDF formats
- Sharpdesk for integrated, intuitive document management on a PC
- Document filing function to instantly reuse job data stored on the HDD
- Optional Super G3 fax and Internet fax
- LDAP support for easy browsing of e-mail addresses and fax numbers

Versatile Operation

- Advanced copy/print functions include card shot, tab copying/printing, proof printing, PDF*³/TIFF direct printing, carbon copy printing, etc.
- Sharp OSA (Open Systems Architecture)*⁴ enables third-party software developers to customise the machine to meet exact user needs
- 8.9-inch touch-screen LCD control panel
- Stamp function, mixed size original feeding, easy text entry for network scanning, form overlay

Reliable, Heavy-Duty Design

- Highly rigid frame for higher durability
- Stable paper feed with full-grip short paper path
- Lead- and chromium-free design (RoHS compliant)

*¹: U models require optional MX-NBX1

*²: Available at a later date

*³: Direct PDF printing requires optional MX-PKX1

*⁴: Requires optional MX-AMX2 and/or MX-AMX3



..... **be sharp**

COPY

NETWORK PRINT
OPTION for U models

NETWORK SCAN
OPTION

SHARPDASK
OPTION

FAX
OPTION

MX-M700/M620/M550-U/N Digital Multifunction System



SPECIFICATIONS (tentative)

General	
Type	Console
Engine speed*1	Max. 70/62/55 cpm/ppm
Paper size	Max. A3 (11" x 17"), min. A5R (5 1/2" x 8 1/2R")
Paper capacity (80 g/m ²)	Standard: 3,100 sheets (1,200-sheet tray, 800-sheet tray, two 500-sheet trays, and 100-sheet multi-bypass tray) Maximum: 6,600 sheets
Warm-up time*2	Less than 120 sec.
Memory	Standard: 128MB Maximum: 384MB 40GB HDD*3
Power requirements	Rated local AC voltage $\pm 10\%$, 50/60 Hz
Power consumption (max.)	1.84 kW (220 to 240V), 1.80 kW (100 to 127V)
Dimensions (W x D x H)	728 x 679 x 1,192 mm (28 21/32" x 26 47/64" x 46 15/16")
Weight	Approx. 185 kg (407.3 lbs.)
Features	Card shot, edge/centre erase, job build, pre-heat/auto power shut-off modes, user control (500 accounts), toner save mode, document filing

Copier	
Original paper size	Max. A3 (11" x 17")
First copy time*4	3.5 sec. (MX-M700U/N), 4.0 sec. (MX-M620U/N, MX-M550U/N)
Continuous copy Resolution	Max. 999 copies Scan: 600 x 600 dpi, 600 x 300 dpi, 600 x 367 dpi (using DSPF) Print: 600 x 600 dpi
Gradation	Scan: 256 levels Print: 2 levels
Zoom range	25 to 400% (25 to 200% using DSPF) in 1% increments
Preset copy ratios	Metric: 10 ratios (5R/5E), inch: 8 ratios (4R/4E)
Features*5	Auto paper selection (mixed size feeding), paper type selection, auto magnification selection, auto tray switching, rotation copy, electronic sorting, network tandem copy, book copy, margin shift, dual page copy, multi-shot (4-in-1, 2-in-1), cover/transparency/tab page insertion, pamphlet copy, rotation sort*6, XY zoom, mirror image, 2-sided copy orientation change, B/W reverse*7, duplex copy, reserved copy, job programme, irregular original/paper size input, stamps (date, page number, text, stamp), tab copy

Network Scanner (optional MX-NSX1 [and MX-NBX1 for U models] required)	
Compatibility	TWAIN compliant (push out method)
Resolution	200, 300, 400, 600 dpi
File formats	TIFF, TIFF-FX (TIFF-F), PDF, linearised PDF
Scanner utilities	Sharpdesk
Scan destinations	Scan to e-mail, desktop, FTP server, network folder (SMB), HDD
Features	Internet fax*8, PC-Internet fax transmission*8, LDAP support, direct entry (address, subject, message), 999 one-touch dials, 500 group dials, 8 job programmes, broadcasting, long original scanning (max. 800 mm)

Document Filing	
Document filing capacity	16GB Main and custom folders: 20,000 pages*9 or 3,000 files Quick file folder: 10,000 pages*9 or 1,000 files
Stored jobs	Copy, print, scan, fax transmission*10
Storage folders	Quick file folder, main folder, custom folder (max. 500 folders)
Confidential storage	Password protection

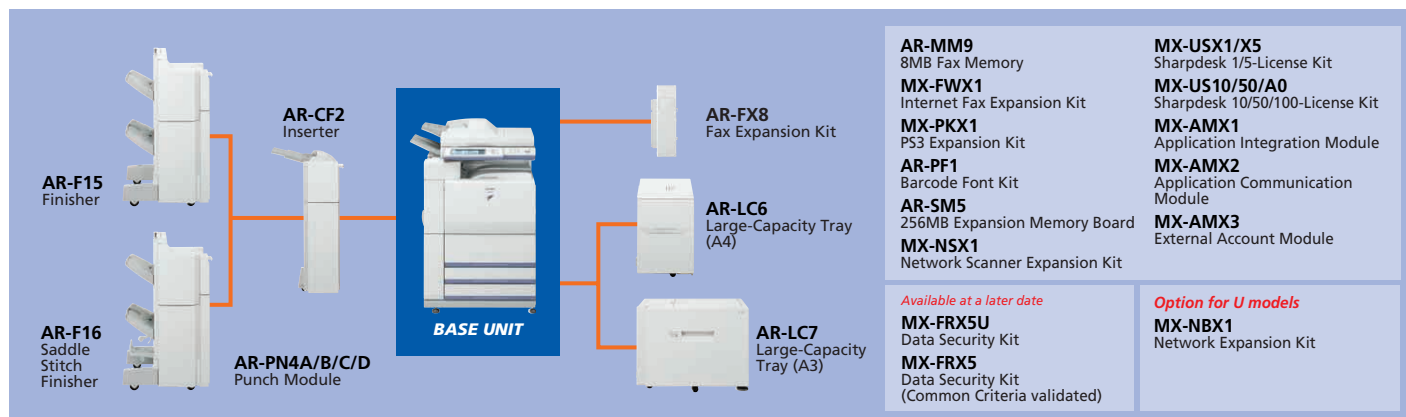
Network Printer (optional MX-NBX1 required for U models)	
Resolution	600 x 600 dpi
Enhanced resolution	600 x 1,200 dpi equivalent with smoothing (MX-M620U/N, MX-M550U/N)
Interface	USB 2.0, 10Base-T/100Base-TX
Supported OS*11	Windows NT® 4.0 SP5 or later, Windows Server® 2003, Windows® 98/Me/2000/XP, Windows Vista™, Mac OS 9.0 to 9.2.2, Mac OS X 10.1.5, 10.2.8, 10.3.3 to 10.3.9, 10.4, 10.4.4, 10.4.7
Network protocols*11	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	Standard: PCL 6/5e Option*12: PS3 emulation
Available fonts	80 fonts for PCL, 136 fonts for PS3 emulation*12
Features*5 *13	Network tandem print, RIP Once/Print Many, direct PDF/TIFF printing, job retention (print hold, proof print, confidential print), duplex print, carbon copy print, font download, pamphlet style, binding edge, printer administration utility and status monitor, N-up (2/4/6/8), IP/MAC address filtering, form overlay, paper/output tray selection, cover/chapter insertion, transparency interleave, offset output, fit to page, watermarks, auto configuration, tab print, negative image, mirror image, zoom, barcode font compatibility, secure network communications (SSL and IPsec [LPD])

Facsimile (optional AR-FX8 required)	
Compression method	MH/MR/MMR/JBIG
Communication protocol	Super G3/G3
Transmission time	Less than 3 seconds*14
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	Standard 2MB, expandable to 10MB
Grey scale levels	Equivalent to 256 levels
Features	Duplex transmission/reception, quick on-line transmission, error correction mode, 999 one-touch dials, 500 group dials, LDAP support, 8 job programmes, 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. 800 mm), PC-Fax transmission*15, timer transmission, paperless faxing with inbound routing to e-mail, activity report, anti-junk fax, dual page scan

- * 1 : Copy mode: When copying same document continuously on portrait A4 (8 1/2" x 11") plain paper in non-offset mode. Print mode: When printing same document continuously on portrait A4 (8 1/2" x 11") plain paper in non-offset mode, excluding processing time.
- * 2 : At rated voltage, 25°C (73.4°F), 65% RH.
- * 3 : HDD capacity depends on procurement and sourcing status.
- * 4 : Portrait feeding of A4 (8 1/2" x 11") sheets from main unit's 1st paper tray, using document glass in Auto Exposure mode with polygon motor running.
- * 5 : Some features require option(s). * 6 : Not available when equipped with a finisher.
- * 7 : Not available in some regions. * 8 : Optional MX-FWX1 required. Max. resolution 400 dpi.
- * 9 : Measured using Sharp's standard chart (A4 with 6% coverage). The Quick File Folder shares the HDD with the Job Build function. * 10 : Optional AR-FX8 required.
- * 11 : Optional MX-PKX1 required for Mac OS and EtherTalk. Windows Vista and IPsec available at a later date.
- * 12 : Optional MX-PKX1 required. * 13 : Some features are not available according to the printer driver used.
- * 14 : Based on Sharp's standard chart with approx. 700 characters (A4 or 8 1/2" x 11" portrait) at standard resolution in Super G3 mode, 33,600 bps, JBIG compression. * 15 : For Windows environments only.

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SYSTEM CONFIGURATION



Note: AR-CF2 requires AR-F15 or AR-F16. Some options may not be available in some areas.

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