

SHARP

MX-4100N/MX-4101N MX-5000N/MX-5001N



Digital Full Colour Multifunctional System

Preliminary Product Information



PUTTING **SPEED, HIGH-QUALITY COLOUR** AND
EASE OF USE AT THE CENTRE OF YOUR OFFICE NEEDS

**HIGH QUALITY
PRINTING**
1,200 x 1,200 dpi

**41/50 PPM
IN COLOUR
& B/W**

**REMOTE
ACCESS
INTERFACE**

**8.5" COLOUR
TOUCH-SCREEN
WITH THUMBNAIL
VIEWS**

**UP TO 70 OPM
SCAN SPEED**

Full-Colour MFP

- Supports Gigabit Ethernet and the latest network operating systems and protocols
- Standard PCL5c/PCL6 and optional PS3 emulation
- Full-colour network scanning to email, FTP server, desktop, network folder or USB memory and support for XPS, JPEG, TIFF, PDF and high-compression PDF formats
- Sharpdesk™ for integrated document management on a PC
- Document Filing function to instantly reuse saved jobs
- Optional Super G3 fax and Internet fax (in B/W)
- LDAP compatibility for easy browsing of e-mail addresses
- Supports XPS format (standard for scanning; optional for printing)
- Modern looking with a new grained exterior design

High Quality Imaging

- True 1,200 x 1,200 dpi high quality printing without sacrificing speed
- New toner and developer work in synergy to enable excellent image quality
- Sharp Auto Colour Mode provides automated operation and high-quality copies; text on halftone dot patterns come out clearer than ever

Industry-Leading Security Solutions

- Optional Data Security Kit encrypts and erases confidential data
- SSL and IPsec enables data encryption for secure network communications
- Secure Network Card provides network port and protocol management that prevents direct connection and access by unauthorised users
- Encrypted PDF with password protection for secure scanning and direct printing
- Document Control function*¹ prevents unauthorised copying, scanning, faxing and filing of confidential documents
- Supports IEEE 802.1X standard for port based network control

*¹ Requires optional Data Security Kit

*² Requires optional MX-PKX1 for PDF direct printing and MX-PUX1 for XPS

*³ Requires optional MX-AMX2 and/or MX-AMX3

Highly Productive Output

- Speedy output of max. 41/50 ppm in colour and B/W in both models respectively
- Fast first copy out time of 6.9 sec. in colour
- Scan speed of up to 70 opm in colour and B/W
- Professional job finishing options including saddle stitch finisher and inner finisher
- Network tandem function doubles output speed
- Standard hard disk and electronic sorting for both colour and B/W
- Large paper capacity of max. 5,600 sheets
- Built-in stackless duplex module and (100-sheet Reversing Single Pass Feeder (MX-4100N/MX-5000N), 150-sheet high speed Duplex or Single Pass Feeder (MX-4101N/MX-5001N)

Environmentally Advanced Design

- Industry-leading energy-saving design
- Lead and chromium-free design (RoHS compliant)
- Manual power save button
- Certified for Energy Star label

Sharp's One-of-a-Kind Features

- Advanced copying/printing functions including book copy, proof printing and XPS*²/PDF*²/TIFF/JPEG/USB memory direct printing
- Sharp OSA 3.0 (Open Systems Architecture)*³ allows integration with network applications and makes them accessible from the LCD control panel
- 8.5" touch-screen colour TFT LCD control panel with thumbnail views
- Optional retractable keyboard for data entry. Standard on MX-4101N/MX-5001N
- Auto Colour Selection automatically selects corresponding copy modes to match colour or B/W pages in a multi-page original
- Remote access interface enables control panel to be displayed and operated on a PC

SPECIFICATIONS

MX-4100N/MX-4101N MX-5000N/MX-5001N

Digital Full Colour Multifunctional System



Preliminary Product Information

| General | | | |
|---|--|--------------|------------|
| Engine speed (max.)^{*1} | | A4, portrait | A3 |
| MX-4100N/MX-4101N | Colour & B/W | 41 ppm/cpm | 19 ppm/cpm |
| MX-5000N/MX-5001N | Colour & B/W | 50 ppm/cpm | 22 ppm/cpm |
| Paper size | Max. A3 wide, min. A5R | | |
| Paper weight | Tray: 60 g/m ² – 209 g/m ² Bypass: 55 g/m ² – 256 g/m ² Large Capacity Tray: 60 g/m ² – 105 g/m ² | | |
| Paper capacity | Standard: 1,100 sheets (two 500-sheet trays and 100-sheet multi-bypass tray), Max: 5,600 sheets (four 500-sheet trays, 100-sheet multi-bypass tray and 3500-sheet large capacity tray) | | |
| Warm-up time | Less than 120 sec. | | |
| Memory | [Copier] Standard 512 MB [Printer] Standard 1,024 MB; Maximum 2,048 MB 80 GB HDD ^{*2} | | |
| Power requirements | Rated local AC voltage ±10%, 50/60 Hz | | |
| Power consumption (max.) | 1.84 kW (220 to 240 V) | | |
| Dimensions (W x D x H) | | | |
| MX-4101N/MX-5001N | 645 x 695 x 960 mm | | |
| MX-4100N/MX-5000N | 645 x 695 x 950 mm | | |
| Weight | | | |
| MX-4101N/MX-5001N | approx 123 kg | | |
| MX-4100N/MX-5000N | approx 114 kg | | |

| Copier | |
|--|--|
| Original paper size | Max. A3 |
| First copy time^{*3} (sec.) | |
| MX-4100N/MX-4101N | Colour 6.7 B/W 4.7 |
| MX-5000N/MX-5001N | Colour 5.9 B/W 4.1 |
| Continuous copy | Max. 999 copies |
| Resolution (max.) | 600 x 600 dpi (Colour & B/W) |
| Gradation | Equivalent to 256 levels |
| Zoom range | 25 to 400% (25 to 200% using RSPF/DSPF) in 1% increments |
| Preset copy ratios | 10 ratios (5R/5E) |

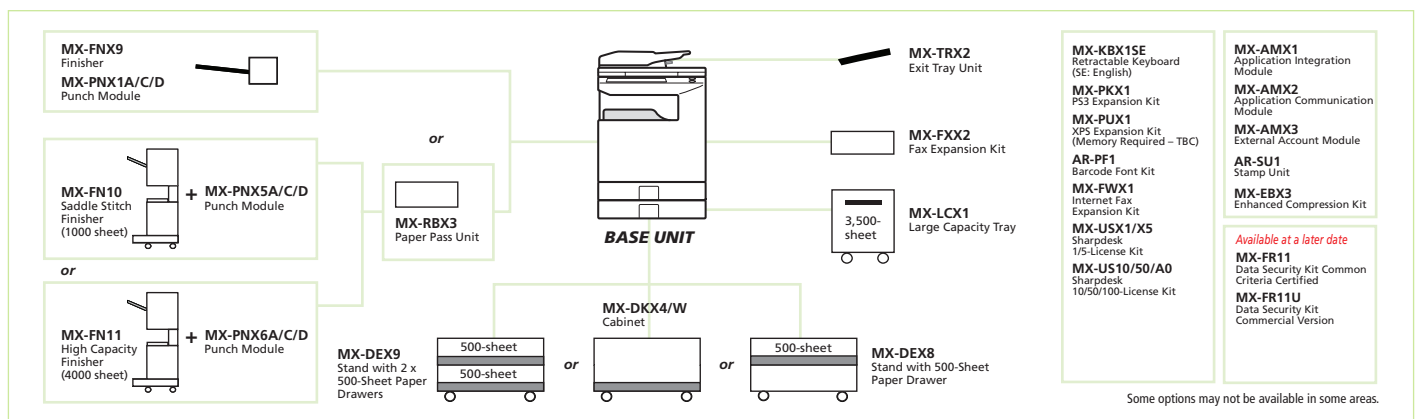
| Network Scanner ^{*4} | |
|-------------------------------|--|
| Scan method | Push scan (via operation panel), Pull scan (with TWAIN-supporting application) |
| Resolution | Push scan: 100, 200, 300, 400, 600 dpi Pull scan: 75, 100, 150, 200, 300, 400, 600 dpi, 50 to 9600 dpi, custom |
| File formats | XPS ^{*5} , PDF, Encrypted PDF, JPEG (colour only), TIFF and high-compression PDF |
| Scanner utilities | Sharpdesk™ |
| Scan destinations | Scan to e-mail, desktop, FTP server, network folder (SMB), USB memory |

| Document Filing | |
|---------------------------------|--|
| Document filing capacity | Main & custom folders: 38 GB, 5,500 pages ^{*6} or 3,000 files Quick file folder: 12 GB, 1,700 pages ^{*6} or 1,000 files |
| Stored jobs | Copy, print, direct print, scan, fax transmission ^{*7} |
| Storage folders | Quick folder, main folder, custom folder (max. 1,000 folders) |
| Confidential storage | Password protection |

| Network Printer | |
|---------------------------------------|--|
| Resolution | 1,200 x 1,200 dpi 600 x 600 dpi |
| Interface | USB 2.0: High-speed 10Base-T/100Base-TX/1000Base-T |
| Supported OS^{*7} | Standard: Windows NT [®] 4.0 SP5 or later, Windows [®] 98/ME, Windows [®] 2000, Windows [™] server 2003, Windows [®] XP, Windows [®] Vista, Server 2008 Optional: Mac OS 9.2.2, Mac OS X 10.2.8, 10.3.9, 10.4.11, 10.5 - 10.5.1 |
| Network protocols^{*7} | 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 6/5c Option ^{*8} : PS3, XPS |
| Available fonts | 80 fonts for PCL, 136 fonts for PS3 emulation ^{*9} |

| B/W Facsimile (optional MX-FXX2 required) | |
|---|--|
| Compression method | MH/MR/MMR/JBIG |
| Communication protocol | Super G3/G3 |
| Transmission time | Less than 2 seconds ^{*10} |
| Modem speed | 33,600 bps to 2,400 bps with automatic fallback |
| Transmission resolution | Standard: 203.2 x 97.8 dpi, Super Fine: 406.4 x 391 dpi |
| Recording width | A3 to A5 |
| Memory | 8 MB flash memory |
| Grey scale levels | Equivalent to 256 levels |

^{*1} Copy mode: When copying same document continuously on portrait A4 plain paper in non-offset mode. Print mode: When printing same document continuously on portrait A4 plain paper in non-offset mode, excluding processing time. ^{*2}: 1 GB = One billion bytes when referring to hard drive capacity. Actual formatted capacity is less. ^{*3}: When feeding A4 sheets from paper tray. ^{*4}: Optional MX-FWX1 required for Internet fax and PC-Internet fax transmission. ^{*5}: To view XPS files on PCs not running Windows Vista, you must have the XPS Viewer application installed. ^{*6}: Measured using Sharp's standard chart (A4 with 6% coverage, B/W). The Quick Folder shares memory with the Job Build function; up to 10 GB of data storage is available when using both functions. The storage capacity will be less for colour pages. ^{*7}: Optional MX-FXX2 required. ^{*8}: Optional MX-PKX1 required for Mac OS and EtherTalk. ^{*9}: MX-PKX1 required. ^{*10}: Based on Sharp's standard chart with approx. 700 characters (A4 portrait) at standard resolution in Super G3 mode, 33,600 bps, JBIG compression.



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