



- Print, Copy, Scan, Fax, File
- Pages per minute: 31 B/W 31 Colour
- Paper capacity: Std 1100 Max 5600 sheets
- High-quality 1200 x 1200 dpi printing
- Large touch-screen colour LCD control panel with thumbnail views and optional retractable keyboard for data entry
- Scan speed of 50 originals per minute in B/W and colour
- Industry-leading security solutions for ultimate data/document protection
- Sharp Open Systems Architecture OSA™ lets third party developers create custom applications that link the MFP to software programmes on a server or PC

The new MX-3100N sets a new standard for high performance colour MFPs. This machine produces excellent quality images with professional finishing at printing speeds of 31 pages per minute, not only for black & white documents but for full-colour documents too. With features including a generous paper capacity; fast scanning speeds; a large colour LCD display with handy thumbnail views; a retractable keyboard; powerful productivity tools; 80 GB hard drive and an impressive range of optional upgrades: everything has been designed with efficiency in mind. Integrated document management on both your PC and the MX-3100N's built-in hard disk enables your office to communicate clearly, share information effectively, and scan and send data electronically.



General

- Engine speed Colour ppm (A4): **31**
- Engine speed B/W ppm (A4): **31**
- Engine speed Colour ppm (A3): **14**
- Engine speed B/W ppm (A3): **14**
- Paper size: Min.-Max.: **A5R - A3W**
- Paper weight (g/m2): **55 - 256**
- Paper capacity: Std (sheets): **1100**
- Paper capacity: Max. (sheets): **5600**
- Warm Up Time (sec.): **60**
- Memory general min/max (MB): **1024 - 2048**
- Memory printer min/max (MB): **512 - 1536**
- Harddisk: **STD**
- Harddisk capacity (GB): **80**
- Duplex: **STD**
- Power requirements - rated local AC voltage (Hz): **200 - 240V, 50/60Hz**
- Power consumption (kW): **1,84**
- Dimensions (mm): **620 x 695 x 950**
- Weight (Kg): **112**

Copier

- Original paper size (Max.): **A3**
- First copy out time Colour (sec.): **8,9**
- First copy out time B/W (sec.): **6,0**
- E-sort Std: **✓**
- Continuous copy (Max. copies): **999**
- Resolution Scan B/W (dpi): **600 x 600**
- Resolution Scan Colour (dpi): **600 x 600**
- Resolution Print (dpi): **1200 x 1200**
- Gradation (equivalent levels) - B/W: **2**
- Gradation (equivalent levels) - Colour: **256**
- Zoom range (%): **25 - 400**
- Preset copy ratios: **10**

Document Feeder

- Original capacity (sheets): **100**

Scanner

- Network Scanner (Standard / Option): **STD**
- Scan method Push scan and Pull scan: **✓**
- Resolution push scan (dpi): **100,200, 300,400, 600**
- Resolution pull scan (dpi): **75,100, 150,200, 300,400, 600,50 to 9600, custom**
- File formats: **XPS, TIFF, PDF, encrypted PDF, JPEG (colour only)**
- Scanner utilities: **Network Scan Tool, Sharpdesk, Sharp TWAIN**
- Scan destinations Desktop: **✓**
- Scan destination FTP, Email: **✓**
- Scan destination Network folder: **✓**
- Scan destination USB memory: **✓**

Document filing

- Document filing (Standard / Option): **STD**
- Document filing capacity- main and custom folders (pages): **5500**
- Document filing capacity- quick file folder (pages): **1700**
- Stored jobs: **Copy, print, direct print, scan, fax transmission**
- Storage folders: **Quick file folder, main folder, custom folder (max. 1000)**
- Confidential storage: ✓

Fax

- Fax (Standard / Option): **OPT**
- Compression method: **MH/MR/MMR/JBIG**
- Communication protocol: **Super G3**
- Transmission time (sec): **2**
- Modem Speed (bps): **33.600 - 2.400**
- Transmission resolution:
STD 203,2 x 97,8 dpi/Extra Fine 406,4 x 391 dpi
- Document Size (Min): **A5**
- Document Size (Max): **A3**
- Memory (MB): **8**
- Grey Scale levels: **256**
- Dial Registration; rapid/speed dial: **999**
- Broadcast Transmission (max. destinations): **500**

Printer

- Resolution (dpi): **600 x 600**
- Enhanced resolution (dpi): **1200 x 1200**
- Network Printer (Standard / Option): **STD**
- Interface Std/Opt:
STD USB 2.0,10Base-T/100Base-TX/1000Base-T
- Supported OS Standard:
Windows 98/ME/NT4.0 SP5 or later/2000/Server 2003/XP/Vista
- Supported OS Options:
Mac OS 9.2.2/Mac OS X 10.2.8/10.3.9/10.4.11/10.5-10.5.1
- Network protocols: **TCP/IP (IPv4 and 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 printer Std/Opt:
STD PCL 5c/6, OPT PS3 emulation
- Available fonts: **80 (PCL), 136 (PS3)**

Finishing

- Output Capacity Max.: **500 - 1000**
- Multi- staple (sheets) Max.: **50**
- Saddle Stitch: ✓
- Off-set shifting: ✓
- Hole punch: ✓