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Corporate : Workgroup Color Systems : MX-C311 : Detailed Specs



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**MX-C311 | Copiers****Specifications**

Copy Speed	31 ppm Color and B&W (Letter)
Automatic Duplex	Standard
Max Original Size	8 1/2" x 14"
Paper Feed	Standard: 500 sheet paper drawer Letter/Legal) and 100-sheet bypass tray(Letter/Legal) Optional: Up to 3 additional 500-sheet paper drawers (Letter/Legal) ¹
Print Speed	31 ppm (8 1/2" x 11" lateral feed, standard resolution)
PDL	PCL5c, PCL6, PostScript 3 compatible, optional XPS
Resolution	1200 dpi, 600 dpi

Copier Specifications

Type	Color multi-function digital document system
Standard Functions	Copy, print, network print, network scan, document filing and fax ²
Optional Functions	B&W Super G3 Fax Kit, XPS Expansion Kit, Internet Fax Kit and Bar Code Font Kit
Copy System	Dry electrostatic transfer/Dual component developer/Magnetic brush development/OPC drums/Heat Rollerfusing/Xenon Lamp Exposure
Originals	Sheets and bond documents
Copy Size	Min. 5 1/2" x 8 1/2"/Max. 8 1/2" x 14"
Continuous Copy	Maximum 999 copies
Warm Up Time	90 seconds or less
Magnification	50% to 200% in 1% increments (50 to 200% for RSPF)



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Document Applications

Detailed Specs

First Copy Time	Platen glass: 8.0 sec or less (B&W); 8.9 sec or less (color), RSPF: 9.9 sec or less (B&W); 11.5 seconds or less (color) (Based on A4 original using tray 1, Auto Color selection off & Auto Color Polygon)
Original Feed System	50-sheet reversing single pass feeder (RSPF) with original size detection
Paper Types	Paper drawers: 16-28 lb. bond. Other paper types include plain, pre-printed, recycled, pre-punched, letterhead, and color paper. Bypass Tray: 16-28 lb. bond (plain paper), 15-16 lb. (thin paper), 28 lb. bond-110 lb. index (heavy paper), 20-24 lb. (Monarch/Com-10 envelope). Other types include label paper, gloss paper, pre-printed, recycled, pre-punched, letterhead, color film and OHP Film.
Memory	Standard 1 GB (copier); 512 MB (printer/network scanning) memory
Hard Disk Drive	80 GB: 38 GB Main Folder/12 GB Custom/Quick Folder document filing system and electronic sorting
Copy Resolution	Scan: B&W/Color: 600 dpi Copy output: B&W/Color 600 dpi
Color Modes	Auto Color Control, Full Color Mode, Monochrome (B&W), 2 Color Mode, Single Color Mode
Exposure Control	Modes: Automatic (Color: Magical View, B&W: Character AE) Text, Text/Photo, Text/Printed-Photo, Printed-Photo, Photo, Map, Pale-Color document. Settings: Auto exposure control or 9 step manual exposure.
Halftone	256 gradations/2 levels (monochrome)
Copy Features	Scan-Once-Print-Many, electronic sorting, Integrated offset-stacking, Auto Color Sensing (ACS), Auto Paper Sensing (APS), Auto Magnification Sensing (AMS), Auto tray switching (ATS), rotation copy, reverse copy, margin shift, edge erase, OHP insertion, card shot, reverse image, black-white reversal, centering, proof copy, 2-in-1, photo repeat, document filing, job programs, date/character/page stamp (color)
Account Control	Up to 1,000 users. Supports user-number authentication (on device), login name/management, date/character/page stamp (color), Copy, Print, Scan, Fax and Document Management

Output Tray Capacity	Main output tray (top) 250 sheets (face down)
Firmware	Flash ROM with local (USB); network update capability and firmware update 1 to N with PAU (Printer Administration Utility)
Power Source	AC 100-127VAC, 60HZ, 12 AMPS
ENERGY STAR®	Yes ³
Power Consumption	Maximum: 1.44kW or less
Weight	Weight Approx 107 lbs (base model)
Dimensions	22 3/64" (w) x 17 1/4" (d) x 28 7/64" (h)
Operating Systems	Windows® 98, ME, NT4.0, 2000, XP, 2003/2008 Server, Vista, Novell® Netware® 3x,4x, 5x, MAC OS-9.0, MAC OS-X, Sun® OS 4.1x, Solaris® 2 x, Unix®, Linux®, Citrix® (Metaframe, Presentation Server 4, 4.5) and Windows Terminal Services
Print Features	Continous printing, duplex printing, pamphlet printing, N-up printing, image rotation, different cover page/ last page, transparency inserts, carbon copy print mode, fit-to-page, poster print, margin shift, mirror image, watermarks, overlay, confidential print, confidential batch print, print hold, bypass printing, job priority printing and direct printing. (Note: Some features not available on certain print drivers.)
Interface	RJ-45 Ethernet 10/100/1000 Base-T
Software	Sharpdesk® desktop document management software (1 user license)
Network Protocols	TCP/IP (IPv4, IPv6, IPSEC) SSL (HTTP, IPP, FTP), SNMPv3, 802.1x for Windows and Unix. LPD and LPR for UNIX. IPX/SPX® for Novell environments. EtherTalk® and NetBEUI, AppleTalk for Macintosh® environments.
ROPM	Yes (rip once print many)
Direct Printing	File Types: TIFF, JPEG, PCL, PRN, TXT, PDF, Encrypted PDF, Postscript and XPS ² . Methods: FTP, WebPage, E-mail and USB Memory
Resident Fonts	80 outline fonts
Printing Protocols	LPR, IPP, IPPS, PAP, Raw TCP (port 9100), FTP and Novell Pserver/ Rprinter

Network Security	IP/MAC address filtering, protocol filtering, port management, user authentication and document administration
Max Original Size	8 1/2" x 14"
Original Resolution	600 dpi
Output Modes	600 dpi, 400 dpi, 300 dpi, 200 dpi, 100 dpi
Scan Modes	Color, monochrome, grayscale
Image Formats	Monochrome: TIFF, PDF, Encrypted PDF, XPS ² Color: Grayscale, Color TIFF, JPEG, PDF, Encrypted PDF, XPS ² Internet Fax: TIFF-FX, FIFF-F, TIFF-S ²
Image Compression	Monochrome Scanning: Uncompressed, G3 (MH), G4 (MR/MMR) Color/Grayscale: JPEG (high, middle, low) Internet Fax mode: MH/MMR (option)
Scan Destinations	E-mail, Desktop, FTP, Folder (SMB), USB, Internet fax Destinations (option), Super G3 fax (option)
One-Touch	Up to 999 destinations (combined scan destinations)
Group Destinations	Up to 500
Programs	48 (combined)
Max Jobs in Memory	Up to 94
Network Protocols	TCP/IP and SSL (Includes HTTP, SMTP, LDAP, FTP, POP3), Protocols SMB, ESMTTP and 802.1x
Network Security	E-mail server user authentication for LDAP and Active Directory
Configuration Method	Web-based management with user/administrator level login security.
Software	Sharpdesk [®] desktop document management software (1 user license)
B&W Super G3 Fax Kit	Optional
Transmission Mode	Super G3, G3
Modem Speed	33.6 KBPS ⁴
Compression Type	JBIG, MMR, MR, MH
Scanning Method	Sheet fed simplex or duplex or book
Max Transmit Resolution	400 dpi (ultra-fine)

Transmission Speed	Approximately 2 seconds with Super G3/JBIG ⁵
Auto Dialing	Up to 999 destinations (combined scan destinations)
Group Destinations	Up to 500
Inbound Routing	Forwards received fax data to E-mail, FTP, Desktop, SMB
Long Length Originals	Up to 19.5" (for transmission)
Programs	48 (combined)
Memory	8 MB (exclusive)
Fax Features	Quick on-line transmission, direct transmission, F-Code transmission/reception, rotate transmission, anti-junk fax reception, automatically staple received faxes, secure fax release, out of paper memory reception, auto redial, duplex reception transaction reports, activity reports and PC Fax.
Optional Equipment	<ul style="list-style-type: none"> ● MX-FN12 Inner Finisher ● MX-CFABB Base Plate with locking casters ● MX-CFABD Deluxe Cabinet with door and locking casters ● MX-CSX1 500 sheet Paper Feed Unit for Tray 2 ● MX-CSX2 500 sheet Paper Feed Unit for Trays 3 & 4 ● MX-PUX1 Expansion Kit (Requires MX-SHP1GBXPS) ● MX-SHP1GBXPS Expansion Memory 1 GB (Required for MX-PUX1) ● AR-PF1 Bar Code Font Kit ● MX-FR13U Commercial Data Security Kit. (Not available at the time of launch.) ● MX-FWX1 Internet Fax Expansion Kit ● MX-AMX2 Application Communication Module ● MX-AMX3 External Accounting Module ● MX-AMX1 Application Integration Module ● MX-FXX3 Fax Expansion Kit ● MX-USX1 Sharpdesk 1 License Kit ● MX-USX5 Sharpdesk 5 License Kit ● MX-USX10 Sharpdesk 10 License Kit ● MX-USX50 Sharpdesk 50 License Kit ● MX-USA0 Sharpdesk 100 License Kit ● MX-BTX1 Business Card Feeder (Not available at time

of launch)

**Optional Equipment
(continued)**

- MX-C40NTB Black Toner Cartridge
- MX-C40NTC Cyan Toner Cartridge
- MX-C40NTM Magenta Toner Cartridge
- MX-C40NTY Yellow Toner Cartridge
- MX-C40NVB Black Developer
- MX-C40NVC Cyan Developer
- MX-C40NVM Magenta Developer
- MX-C40NVY Yellow Developer
- MX-C40NRB Black Drum Cartridge
- MX-C40NRS Color Drum Cartridge
- MX-C31U1 Primary Transfer Belt Unit
- MX-C31U2 Secondary Transfer Roller Unit
- MX-C31FU1 Fusing Unit (120V)
- MX-C31FL Ozone Filter Kit
- MX-C31HB Toner Collection Container
- MX-C31RT Feeding Roller Kit
- MX-C31MR MF Feeding Roller Kit
- MX-C31DF DF Roller Kit
- MX-SCX1 Staple Cartridge (3 cartridges per carton)

Product specifications and design are subject to change without notice.

¹Paper capacity is based on letter size paper.

²Some features require optional equipment.

³This product meets ENERGY STAR® guidelines for energy efficiency. ENERGY STAR is a U.S. registered mark of the Environmental Protection Agency.

⁴Actual transmission time will vary based on line conditions.

⁵Based on Sharp Standard Test Chart with approximately 700 characters, letter size in standard resolution.

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