

DESKTOP COLOR WORKGROUP DOCUMENT SYSTEM



The MX-C301W offers advanced connectivity to network applications, cloud services and more.

The MX-C301W desktop color workgroup document system offers multitasking workflow features while offering a compact footprint that fits in small spaces. Designed with leading-edge features typically found on larger machines, the MX-C301W makes managing your workflow easier than ever.

Key Features

- **7" high-resolution touch-screen** provides easy-to-access key features.*
- Standard out-of-box wireless networking and **Adobe® PostScript® 3™** compatible printing provides enhanced productivity.
- **Supports Cloud Portal Office**, a new content management software service from Sharp for storing and sharing scanned documents and other electronic files.

The compact MX-C301W desktop color workgroup document system has been built on the Sharp OSA® development platform, making integration with network applications and cloud services easier than ever. Sharp's enhanced security platform with standard SSL support, 256-bit data encryption and up to 7 times data overwrite protection helps assure that your intellectual property is well protected.



Powerful features plus connectivity to cloud and mobile apps enable business efficiency.

- Robust **7" high-resolution touch-screen** color display with graphical navigation*
- Automatic document feeder with scan speed of up to 37 ppm
- Wireless and wired network connectivity with PCL®6 and **Adobe® PostScript®3™** compatible printing systems
- **Sharpdesk® Mobile compatibility** via free app offers powerful mobile scanning and printing for mobile devices including iPad®, iPhone®, Android™, Windows® 8 and Windows® RT devices
- Sharp enhanced security with extended **SSL support, data encryption and data overwrite protection**
- **ImageSEND™** function scans documents to E-mail, network folders and USB devices
- **End-of-Lease** feature can erase all files on the hard disk drive, all user data, job status data and address book data at trade-in time
- 250 GB hard drive supports convenient **Document Filing System** with image preview for easy access to frequently used documents
- Standard **Super G3 fax** with intelligent inbound routing
- Out-of-the-box support of **Sharp OSA development platform**, enabling businesses to streamline document workflow and productivity
- 300-sheet standard paper capacity, **expandable to 800 sheets** with optional 500-sheet high capacity cassette
- **Remote front panel** feature allows users and administrators to view and control machine operations from a PC workstation

*Screen measured diagonally.

MX-C301W SPECIFICATIONS

Main Specifications

MX-C301W	Includes multi-tasking controller, 250 GB HDD with document filing system, PCL [®] 6 network printing, network scanning, 50-sheet RSPF, auto-duplex, one 250-sheet paper drawer and 50-sheet bypass. Black and color developer are included.		
Type	Desktop, color multi-function digital document system		
Display	7" (diagonally measured) color dot matrix touch panel 800 x 480 dots (W-VGA)		
Functions	Copy, print, network print, network scan, document filing and fax ¹		
Copy System	Dry electrostatic transfer/Dual component developer/Magnetic brush development/OPC drums/Heat roller fusing/white LED exposure		
Originals	Sheets and bound documents		
Max. Original Size	8½" x 14"		
Copy Size	Min. 5½" x 8½"		
Copy Speed	30/30 ppm B&W/Color (8½" x 11")		
Multiple Copy	Max. 999 copies		
First Copy Time (in Seconds)	B&W	Color	
	Platen Glass	6.3	7.4
	Doc. Feeder	7.6	11
Warm Up Time	18 seconds or less ²		
Magnification	25% to 400% in 1% increments (with document feeder 25%-200%)		
Original Feed	50-sheet RSPF		
Scan Speed	Copy mode: Up to 37 opm (B&W) @ 600 x 300 dpi; Up to 37 opm (Color) @ 600 x 300 dpi. Network Scan: Up to 37 opm (B&W or Color) 200 x 200 dpi. All times based on single-side letter originals. Original Sizes 5½" x 8½", 8½" x 11", 8½" x 11" R, 8½" x 14" (13-28 lb. bond)		
Paper Capacity	Standard 300 sheets/Max. 800 sheets		
Paper Feed	Standard: (1) 250-sheet paper drawer (letter/statement size) and 50-sheet bypass tray (letter/legal/statement/envelope size). Optional: 500-sheet drawer (letter/statement size)		
Paper Weight and Types	Paper drawers: 16 lb. to 28 lb. bond. Other paper types include plain, pre-printed, recycled, pre-punched, letterhead and color paper. Bypass Tray: 28 lb. bond to 80 lb. cover (heavy paper), 13-28 lb. bond (thin paper), 28 lb. to bond-80 lb. cover (heavy paper), 20-24 lb. bond (Monarch/Com-10 envelope). Also label paper, gloss paper, pre-printed, recycled, pre-punched, letterhead, color paper and OHP film.		
Duplexing	Standard automatic duplex copying and printing		
CPU	Up to 600 MHz multi-tasking process		
Interface	RJ-45 Ethernet (10/100/1000Base-T), USB 2.0 (2 host ports, Front, Rear, USB 2.0 (1 device port)		
Memory	3 GB copy/print shared		
Hard Disk Drive	250 GB		
Copy Resolution	Platen color 600 x 600 dpi, B&W: 600 x 600 dpi; RSPF color 600 x 600 dpi, B&W: 600 x 300 dpi		
Color Modes	Auto Color Control (ACS), Full Color Mode, Monochrome (B/W)		
Exposure	Modes: Automatic Text, Text/Photo, Text/Printed-Photo, Control 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, Auto Color Sensing (ACS), Auto Paper Sensing (APS), Auto Magnification Sensing (AMS), auto tray switching, reserve copy, margin shift, edge erase (only for edge/side), proof copy, job build, card shot, mirror image, black-white reversal, centering, 2-in-1/4-in 1, pamphlet, photo repeat, document filing, account management, job programs, date/character/page/stamp.		
Account Control	Up to 1000 users. Supports user-number authentication (on device), login name/password (on device) or login name/password (on device via LDAP server) for Copy, Print, Scan, Fax and document management.		

Main Specifications (continued)

Main Output Tray	150 sheets face down (internal)
Firmware Management	Flash ROM with local (USB), network update capability and firmware update 1 to N with SRDM (Sharp Remote Device Management)
Configuration Method	Web-based management with user/administrator level login, cloning (1 to N) with SRDM and remote front panel access
Service/Maintenance	Remote front panel access, remote access to service logs and click counts
Accessibility Features	Adjustment of Key Touch-Send and Speed, Concave Key, Job Programs, Remote Front Panel, Tilt Support (operation panel), and Disable Screen Timeout
Environmental Standards	The International Energy Star Program MFP (EPA) Ver.2.0, Law on Promoting Green Purchasing [®] , European RoHS (Restriction of Hazardous Substances)
Power	AC 100-127 VAC, 50/60 HZ, 12 Amps
Power Cons.	Maximum: 1.25kW
Weight	Approx. 72.8 lbs. (base model)
Dimensions	17" (w) x 22½" (d) x 18½" (h)

Network Printing System

PDL	Standard PCL6 compatible, PostScript [®] 3 [™] compatible, optional XPS
Resolution	600 x 600 dpi
Print Speed	30/30 B&W pages per minute (8½" x 11")
Print Drivers	Windows Server [®] 2003-2008, Windows [®] XP, Windows XP x64, Windows Server x64, Windows Vista [®] , Windows Vista [®] x64, Windows [®] 7 x64, Windows [®] 8 x64, Windows [®] 8.1 x64, MAC OS [®] , OSX (including 10.4, 10.5, 10.6, 10.7, 10.8, 10.9), all MAC PPD
Features	Windows cluster print, ROPM, duplex printing, auto configuration, continuous printing, electronic sorting, duplex printing, transparency inserts, margin shift, image rotation, job bypass print, job retention, confidential print, user authentication, image stamp and watermarks, form overlay, chapter inserts, page Interleave and bar code font printing (requires MX-PF10 bar code font kit)
Direct Printing	File Types: TIFF, JPEG, PCL, PRN, TXT, PDF, Encrypted PDF, PostScript (optional) XPS ¹ . Methods: FTP, Web page, E-mail and USB memory
Resident Fonts	80 outline fonts (PCL), 136 fonts (PS)
Interface	RJ-45 Ethernet 10/100/1000 Base-T, Wireless IEEE802.11 n/g/b and USB 2.0
Operating Systems	Windows Server 2003-2008, 2012, 2012 R2 Windows XP, Windows Vista, Windows 7, Windows 8, 8.1, MAC OS X 10.4, 10.5, 10.6, 10.7, 10.8 Novell [®] Netware [®] 3x, 4x, 5x, Sun [®] OS 4.1x, Solaris [®] 2x, Unix [®] , Linux [®] and Citrix [®] XenApp 5.0, 6.0, 6.1, (Metaframe, Presentation Server 4, 4.5) and Windows Terminal Services. ¹
Network Protocols	TCP/IP (IPv4, IPSEC) SSL (HTTP, IPP, FTP), SNMPv3, 802.1x for Windows and Unix. LPD and LPR for UNIX. IPX/SPX [®] for Novell environments. EtherTalk [®] , AppleTalk [®] for Macintosh [®] environments. ¹
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. ¹
Security Standards	IEEE-2600 [™] 2008 for MFP devices
Network Scanning System	
Scan Modes	Standard: Color, monochrome, grayscale
Max. Original Size	8½" x 14"
Optical Resolution	600 dpi
Output Modes	600 dpi, 400 dpi, 300 dpi, 200 dpi, 100 dpi

Network Scanning System (continued)

Image Formats	Monochrome: TIFF, PDF, Encrypted PDF, XPS Color: Grayscale/Color TIFF, JPEG, PDF, Encrypted PDF, XPS Internet Fax: TIFF-FX, FIFF-F, TIFF-S ¹
Image Compression	Monochrome Scanning: Uncompressed, G3 (MH), G4 (MR/MMR) Color/Grayscale: JPEH (high, middle, low) Internet Fax mode: MH/MMR (option)
Scan Destinations	E-mail, Desktop, FTP, Folder (SMB), USB, Internet fax (option), Super G3 fax
One-touch Destinations	Up to 1000 (combined scan destinations)
Group Destinations Programs	Up to 500 48 (combined)
Max. Jobs	Up to 94
Network Protocols	TCP/IP and SSL (includes HTTP, SMTP, LDAP, FTP, POP3), SMB, ESMT [®] and 802.1x.
Network Security Software	User authentication with LDAP and Active Directory Sharpdesk [®] desktop document management software (1 user license)

B&W Super G3 Fax

Transmission Mode	Super G3, G3
Modem Speed	33.6 KBPS ³
Compression Methods	JBIG, MMR, MR, MH
Scanning Method	Sheet fed simplex or duplex or book
Max. Transmit Resolution	400 dpi
Transmit Speed	Approx. 2 seconds with Super G3/JBIG4
Auto Dialing	Up to 1000 (combined scan destinations)
Group Dial/Destinations	Up to 500
Inbound Fax Routing	Forwards received fax data to E-mail
Long Length Originals	Up to 19½" (for transmission)
Programs	48 (combined)
Memory	1 GB (shared)
Halftone Features	256 levels Quick on-line transmission, direct transmission, F-Code transmission/reception, rotate transmission, in-bound fax routing, anti-junk fax reception, secure fax release, out of paper memory reception, auto redial, duplex reception transaction reports, activity reports and PC fax.

Optional Equipment

MX-CS11	Paper Tray 1 x 500 Sheet
MX-25ABD	Rolling Cabinet Base
MX-PUX1	XPS Expansion Kit (requires MX-SHP2GB)
MX-FWX1	Internet Fax Kit
MX-PF10	Bar Code Font Kit
MX-AMX1	Application Integration Module
MX-FR46U	Data Security Kits
MX-SHP2GBXPS	XPS Expansion Memory (required for MX-PUX1)

Supplies

MX-C30NTB	Black Toner Cartridge
MX-C30NTC	Cyan Toner Cartridge
MX-C30NTM	Magenta Toner Cartridge
MX-C30NTY	Yellow Toner Cartridge
MX-C30NVB	Black Developer
MX-C30NVC	Cyan Developer
MX-C30NVM	Magenta Developer
MX-C30NVY	Yellow Developer
MX-C30DR	Drum
MX-C30HB	Toner Collection Container

¹ Some features may require optional equipment and/or software.

² May vary depending on product configuration, machine settings and operating and/or environmental conditions.

³ Actual transmission time will vary based on line conditions.



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