SHARP®

MX-C304WH

ADVANCED SERIES DESKTOP COLOR DOCUMENT SYSTEMS

Designed for the technology-driven workplace

The compact MX-C304WH desktop color document systems offers a strong set of standard workflow features that are often optional on competitive models, making your decision to purchase Sharp even easier. These features also ensure your device is equipped with leading-edge security features that help businesses protect their data and personal information from the first day of operation to the time of trade-in.

Key Features

- **Ease of Use –** Award-winning 7" (diagonally measured) touchscreen display offers a user-friendly graphical interface with simplified Easy Modes, integrated user guides and quick access to network services. With the available Sharp MFP Voice feature available for these models, you can interact with the machine with the power of natural language.

- **Productivity –** Offers out-of-the-box copy, print, scan and fax capabilities, plus standard Cloud Connect features combined with wireless networking enables users to easily manage their workflow from PCs, smart phones and tablets.

- **Workplace Friendly –** Integrates seamlessly with today's complex network environments and supports popular cloud services and mobile technologies. And with the Sharp Application Portal administrators can add new apps or update existing apps right from the MFP.

Available Sharp MFP Voice Feature with Amazon Alexa.

Offers up to six paper sources for a maximum 2,700-sheet capacity (shown with optional trays).

Sharp's ImageSEND™ feature provides one-touch distribution to email cloud applications and more.

Additional features to help your business gain the competitive advantage

- Standard **100-sheet duplexing** document feeder scans documents at up to 110 images per minute (ipm).

- The Sharp **MFP Voice** feature enables users to control the device with simple verbal commands. Experience hands-free, voice-first interaction with **Alexa.**

- Supports popular **mobile technologies**, enabling users to easily print files from smart phones, tablets and even notebook computers.

- Network ready **PCL®6** and **Adobe® Postscript®3™** printing systems deliver crisp, clear documents at up to 30 pages per minute (ppm).

- **Direct print** Microsoft Word, PowerPoint® and Excel® files from thumb drives, cloud applications, network folders and more. This function is enabled via Qualcomm® DirectOffice™ technology.

- Built-in **Optical Character Recognition** (OCR) function can convert scanned documents to text-searchable PDF format, Microsoft® Office file formats, and more.

- Offers up to six paper sources with available **2,700-sheet** maximum paper capacity.

- Access popular cloud services, such as Microsoft OneDrive™ for Business, SharePoint® Online, Google Drive™, Dropbox and more with the Sharp **Cloud Connect** feature.

- **Leading-edge security** features provide enhanced protection. An End-of-Lease feature can erase all data and person information at time of trade-in.

Main Specifications

MX-C304WH	Base models include multitasking controller, 100-sheet DSPF, PCL 6 and Adobe PostScript 3™ printing systems, network scanning, auto duplexing, 1 x 250-sheet paper drawer, 50-sheet bypass tray. Full capacity toners and developers included.
Type	Desktop color multi-function digital document system
Display	7" (diagonally measured) color dot matrix high-resolution touch panel tilting display. 1,024 x 600 dots (W-SVGA)
Functions	Copy, print, network print, network scan, document filing and fax
Copy System	Dry electrostatic transfer/Dual component developer/Magnetic brush development/OPC drums/roller fusing/white LED exposure
Originals	Sheets and bound documents
Max. Original Size	8½" x 14"
Output Size	Min. 5½" x 8½", Max. 8½" x 14"
Copy Size	Min. 5½" x 8½"
Copy Speed	30/30 ppm Mono/Color
Multiple Copy	Max. 9,999 copies
First Copy Time (in seconds)²	Platen Glass: 5.5 Mono/ 6.7 Color Document Feeder: 7.7 Mono/ 9.4 Color
Warm Up Time	47 seconds
Magnification	25% to 400% in 1% increments (with document feeder 25%-300%)
Original Feed	100-sheet RSPF
Scan Speed	Up to 110 ipm
Paper Capacity	Maximum 300 sheets
Paper Feed System	Standard: (1) 250-sheet paper drawer (letter/statement/ executive size) system and 50-sheet bypass tray (letter/ statement/legal/executive/envelope size). Optional: 600-sheet paper drawer (letter/ statement/ legal/executive size.)
Paper Weights and Types	Standard paper drawer: 16-28 lb bond. Optional drawers: 16 lb. bond- 80 lb. cover. Other paper types include plain, recycled, pre-punched, letterhead, pre-printed and color. Bypass tray: 13-16lb. bond (thin paper), 16-28 lb. bond (plain paper), 28lb. bond-80 lb. cover (heavy paper), 20-24 lb. bond Monarch/Com-10 envelope. Also label paper, gloss paper, recycled, pre-punched, letterhead, pre-printed, color paper and OHP film.
Duplexing	Standard automatic duplex copy and printing
CPU	600 MHz
Interface	RJ-45 Ethernet (10Base-T, 100Base-TX, 1000Base-T), Wireless (IEEE802.11 n/g/b), USB 2.0 (2 host ports, front/rear), USB 2.0 (1 device)
Memory	5 GB copy/print shared
Hard Disk Drive	500 GB
Copy Resolution	Up to 600 x 600 dpi
Color Modes	Auto Color Selection (ACS), Full Color Mode, Monochrome (B/W)
Exposure Control	Automatic, Text, Text/Photo, Text/Printed-Photo, Printed-Photo, Photo, Map, Pale-Color Document. Settings: Auto or 9 step manual
Halftone	256 gradations/5 levels (monochrome)
Copy Features	Scan-Once Print-Many, electronic sorting, Auto Paper Selection, (APS), Auto Magnification Selection (AMS), Auto Tray Switching (ATS), black-white reversal, blank page skip, card shot, center, erase, centering, cover pages, edge erase, image edit, image, preview, insert pages, job build, job programs, margin shift, mirror image, mixed size original, original count, pamphlet, style, proof copy, repeat layout, stamp, stamp custom image, suppress background, toner save mode, transparency inserts, watermark and 2-in-1 / 4-in-1 / 8-in-1 multi shot
Account Control	Up to 1,000 users. Supports user authentication via user-number, local login name/password, LDAP or Active Directory® for all options
Output Tray Capacity	150 Sheets (face down)
Cloud Supported Services	Google Drive, Gmail, OneDrive, SharePoint Online, xchange Online, Box and Dropbox
Network Protocols	TCP/IP (IPv4, IPv6, IPsec), HTTP/HTTPS, IPP/IPP-SSL, FTP/ FTPS, SNMPv3, SMTP/SMTP-SSL, POP3/POP3-SSL, LDAP/ LDAP-SSL, 802.1x for Windows and Unix.

Main Specifications *(continued)*

Network and Data Security	Includes IP/MAC address filtering, protocol filtering, port control, TLS Encryption, Kerberos, Active Directory integration, AES 256 bit data encryption, data overwrite (up to 10 times), US Department of Defense data wipe standard DoD 5220.22-M and End-of-Lease feature
Firmware Management	Firmware can be updated by USB drive, FTP, Web page or SRDM
Device Setup	Web-based management with user/admin level login
Service/Functions	Remote Front Panel, access to service logs and click counts
Accessibility Features	Free stop tilting front panel, adjustment of key touch sound and speed, concave key, document feeder free stop, job programs, remote front panel, universal grip for optional paper trays, and disable screen timeout
Environmental Standards	Blue Angel, European RoHS and REACH
Power	120 V, 60Hz, 12A
Power Consumption	1.44 kW
Weight	Approx. 84 lbs.
Dimensions	Approx. 19 $^{11}/_{32}$"(W) x 22 $^{3}/_{8}$"(D) x 22 $^{1}/_{4}$"(H)

Network Printing System

PDL	Standard PCL 5c, 6, Adobe PostScript 3
Resolution	600 x 600 dpi
Print Speed	30/30 ppm (8½" x 11")
Print Drivers	Windows Server® 2008, Windows Server 2008 x64, Windows Server 2012 x64, Windows 7, Windows 7 x64, Windows 8.1, Windows 8.1 x64, Windows 10, Windows 10 x64, Windows Server 2012 x64, Windows Server 2016 x64, MAC OS X® (including 10.6 to 10.14)
Mobile Printing	AirPrint, Android printing framework (Sharp Print Service Plugin), Sharpdesk Mobile³
Print Features	Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, confidential print, custom image registration, different cover page/last page/other page, document control, document filing, duplex printing, electronic sorting, form overlay, hidden pattern print, image rotation, image stamp, image type, job retention, layout print, margin shift, network tandem print, N-up printing, page interleave, pamphlet style, proof print, print and send, stapling, toner save mode, transparency inserts, tray status, user authentication, watermarks and zoom print.¹
Direct Printing	File Formats: TIFF, JPEG, PCL, PRN, TXT, PDF, Encrypted PDF, Compact PDF, PostScript, DOCX, XLSX, PPTX. Methods: FTP, SMB, Web page, Email and USB memory. PDF file formats support the Adobe Embedded Print Engine USB, Web page, Email and SMB.
Resident Fonts	80 outline fonts (PCL), 139 fonts (PS)
Interface	RJ-45 Ethernet 10/100/1000 Base-T, USB 2.0, Wireless
Operating Systems and Environments	Server2008, Server2008x64, Windows7, Windows7x64, Server2012, Windows8.1, Windows8.1x64, Windows10, Windows10x64, Server2016, Mac OSX (10.6-10.14)
Printing Protocols	LPR, IPP, IPPS, PAP, Raw TCP (port 9100), FTP, POP3, HTTP, LPD and LPR for Unix

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, 150 dpi, 100 dpi
Image Compression	Monochrome Scanning: Uncompressed, G3 (MH), G4 (MR/MMR) Color/Grayscale: JPEG (high, middle, low) Compact PDF, Black Letter Emphasis, Internet Fax mode: MH/MMR
Image Formats	Monochrome: TIFF, PDF, PDF/A, Encrypted PDF, XPS, Searchable PDF, DOCX, XLSX, PPTX, TXT, UTF-8 and RTF. Color/Grayscale: TIFF, JPEG, PDF, PDF/A, Compact PDF, Encrypted PDF, XPS, Searchable PDF, DOCX, XLSX, PPTX, TXT, UTF-8, and RTF Internet Fax: TIFF-FX, TIFF-F, TIFF-S, TIFF-C

Network Scanning System *(continued)*

Scan Destinations	Email, Desktop, FTP, Folder (SMB), USB, Super G3 fax, Internet fax (option)
One-Touch Destinations	Up to 2,000 (combined scan destinations)
Group Destinations	Up to 500
Programs	48 (combined)
Max. Jobs	Up to 100
Enhanced Email Integration	Gmail connector, Exchange connector
Software¹	Sharpdesk desktop personal document management software, Network Scanner tool, Sharpdesk Mobile (download)

Super G3 Facsimile Function

Communication Line	Public Switched Telephone Network (PSTN)
Transmission Mode	Super G3, G3
Modem Speed²	Maximum 33.6 KBPS with auto fallback
Compression	JBIG, MMR, MR, MH
Scanning Method	Sheet fed or manual feed from platen glass
Transmit Resolution	400 x 400 dpi (ultra-fine), 200 x 400 dpi (super-fine), 200 x 200 dpi (fine), 200 x 100 (standard)
Halftones	256 levels
Transmit Speed²	2 seconds per page in Super G3/JBIG mode
Auto Dialing	Up to 1,000 destinations (combined)
Group Dialing	Up to 500 groups
Inbound Fax Routing	To email address, FTP or SMB using Transmit Terminal Identification (TTI), also Document Administration function can send blind copy of transmissions and receptions to an administrator email address, FTP or SMB location.
Max. Original Length	Up to 19.5"
Programs	48 (combined)
Memory	1 GB (shared)
Features	Transaction Reports, Activity Reports, PC Fax, F-Code communication, Memory Transmission, Quick On-line Transmission, Inbound Fax Routing, Anti-junk Fax Reception, Secure Fax Release, Out-of-Paper Memory Reception, Auto Redial, Auto Exposure, Chain Dialing, Polling Reception, Duplex Reception and ITU-T.37 Internet Fax Option.

Optional Equipment

MX-DS22N	High Stand
MX-DS23N	Low Stand
MX-XB19	Anti Tip Kit
MX-CS14	600-sheet Paper Feed Unit
MX-FWX1L	Internet Fax Kit
MX-PF10	Bar Code Font Kit
DVENDFSV	Generic Vendor Interface Kit
MX-FR61U	Data Security Kit
MX-AMX1L	Application Integration Module

Supplies

MX-C30NTB	Black Toner Cartridge
MX-C30NTC	Cyan Toner Cartridge
MX-C30NTM	Magenta Toner Cartridge
MX-C30NTY	Yellow Toner Cartridge
MX-C32NVB	Black Developer
MX-C32NVC	Cyan Developer
MX-C32NVM	Magenta Developer
MX-C32NVY	Yellow Developer
MX-C30DR	Drum

¹ Some features require optional equipment. See your local dealer.

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

³ Go to *www.sharpusa.com* for a list of supported devices and operating systems.