

MONOCHROME MULTIFUNCTION PRINTER

The right fit for your business

Designed to deliver dependable productivity.

The MX-B429W desktop monochrome document system is built for users who want professional results without complexity. It produces **professional quality output** while keeping everyday tasks straightforward and intuitive with no guesswork required whether at home or in the office.

Ease of Use Intuitive 4.3" (diagonal) touchscreen display offers a user-friendly interface with simplified Easy Modes and quick access to network services.

Productivity Copy, print, scan and fax capabilities come standard plus Cloud Connect features and wireless connectivity enables users to easily manage their workflow from PCs, smartphones and tablets.

Versatility Integrates seamlessly with today's complex network environments and supports popular cloud services and mobile technologies.



The MX-B429W shown with standard drawer for a maximum 350-sheet capacity.



50-sheet document feeder that scans both sides in one pass (DSPF).



Easy-to-use 4.3" touchscreen with tablet style menu.



Front facing bypass tray for specialty media and USB port for easy direct printing from memory devices.

A space-saving footprint, well suited for any office.

- Productive printing and copying speeds of up to **42 pages per minute**.
- Standard **PCL®6 and PostScript®3™** compatible printing systems deliver crisp, clear documents.
- Supports letter and legal size paper through the standard paper drawer and **bypass tray**.
- Standard **copy, print, scan** and **fax** capability right out of the box.
- Convenient **front facing USB port** to easily print documents directly from a memory stick.
- **600 x 600 dpi** standard and 1,200 x 1,200 dpi interpolated printing delivers clear images and text page after page.
- **50-sheet duplexing document feeder** scans both sides of a document in a single pass for enhanced productivity.
- **100-sheet bypass tray** for envelopes, heavy paper and specialty media.
- **Supports popular mobile technologies**, enabling users to easily print files from smartphones, tablets and notebook computers.
- Expand output by adding the optional **550-sheet paper tray** that increases the **maximum capacity to 900 sheets**.

SPECIFICATIONS MX-B429W

Main Specifications

MX-B429W	Base model includes 50-sheet DSPF, PCL® 6 and PostScript® 3™ compatible printing systems, network scanning, auto duplexing, 1 x 250-sheet paper drawer, 100-sheet bypass tray. Imaging kit and starter toner included.
Type	Desktop monochrome multifunction printer
Display	4.3-inch (diagonal) full flat color LCD touchscreen
Functions	Copy, print, network print, network scan and fax
Originals	Sheets and bound documents
Max. Original Size	8½" x 14"
Output Size	Min. 5½" x 8½", Max. 8½" x 14"
Copy Speed	42 ppm (8½" x 11")
First Copy Time (in seconds)¹	Platen Glass: 6.0 Doc Feeder: 6.5
Magnification	25% to 400% in 1% increments
Original Feed	50-sheet DSPF
Scan Speed	Simplex Mono up to 42 ppm; Simplex Color up to 21 ppm. Duplex Mono up to 96 ipm; Duplex Color up to 42 ipm
Original Sizes	3" x 5", 8½" x 11", 8½" x 14", 2" x 3½" business card
Paper Capacity	Standard: 350 sheets/Maximum: 900 sheets
Paper Feed System¹	Standard: 250-sheet paper drawer and 100-sheet bypass tray (letter/legal/statement size, envelopes through bypass only). Optional: 550-sheet paper drawer (letter/legal/statement).
Paper Weights and Types	Standard and optional paper drawers: Plain and heavy paper from 16-24 lb. bond. Other Pper types include pre-printed, recycled, letterhead, color paper, paper labels from multipurpose tray, Bypass tray: 16 lb. bond to 58 lb. cover, pre-printed, recycled, letterhead, color paper, paper labels, card stock, envelopes.
Duplexing	Standard automatic duplex copying and printing
CPU	1.2 GHz multi-processor design
Interface²	Ethernet (10/100/1000 Base-T), USB 2.0: 2 host, high speed ports, (front), wireless LAN (IEEE 802.11 a/ac/b/g/n)
Memory	Standard: 2 GB
Hard Disk Drive²	Optional 128GB ISD
Copy Resolution	Up to 600 x 600 dpi
Copy Features²	Scan-once print many, auto paper select (APS), scale, exposure, N-up/page per side, original content type, collate, separator sheets, margin shift, edge erase, booklet, cover page setup, separator sheets, card shot, header/footer, overlay (watermark), mirror image, auto center, negative image, custom job, proof copy, background removal, scan center.
Account Control	Supports user authentication via user-number
Output Tray Capacity	Center Exit Tray (Main): 150 sheets plain paper
Cloud Supported Services	Google Drive™, OneDrive for Business, Dropbox and Box.

Main Specifications (continued)

Network Protocols	TCP/IP (IPv4, IPv6, TCP X, UDP X, IPSEC with IPv4 X, IPSEC w/ IPv6 X, ICMP X, IGMP X, 802.1x)
Network and Data Security²	Includes IP address filtering, protocol filtering, port control, TLS Encryption, Kerberos, AES 256-bit data encryption, optional data overwrite (1 time)
Firmware Management	Flash ROM with local (USB), network update capability and firmware update 1 to N
Device Setup	Web-based management/cloning with user/administrator level login
Service/Functions	Remote Front Panel, remote access to service logs and click counts
Accessibility Features	Free stop tilting front panel, touch screen gestures for initiating voice guidance, headphone jack, document feeder free stop, job programs, and disable screen timeout
Environmental Standards	International ENERGY STAR Program, European RoHS
Power	110-127V AC, 60 HZ, 8 A receptacle
Power Consumption	0.52 kWh
Weight	Approx. 30 lbs.
Dimensions	Approx. 16.2" (w) x 14.2" (d) x 13.9" (h)

Network Printing System

PDL	Standard PCL 6 and PostScript 3 compatible
Resolution	600 x 600 dpi, 1,200 x 1,200 dpi interpolated
Print Speed	42 ppm (8½" x 11")
Print Drivers	Windows Server 2012 R2, Windows Server 2016, Windows Server 2019, Windows Server 2022, Windows 10, Windows 8.1, Windows 11, Mac OS 10.15, 11, 12, 13, 14, 15, 16, all MAC PPD, Linux® PPD, Universal Print
Mobile Printing	AirPrint, Android printing framework, Wi-fi direct print
Print Features	Auto configuration, confidential print, N-up printing, fit to page, booklet, poster, rotate 180 degrees, scaling/zoom print, mirror image, color correction, watermark, overlays, insert booklet cover, separator sheets, document filing (print and hold), reverse print, repeat print, proof print.
Direct Printing	File Types: BMP, DCX, GIF, JPEG, PCX, PDF, PNG, TIFF. Methods: FTP, SMB, and USB memory
Resident Fonts	94 fonts for PCL6 emulation, 163 fonts for PS3 emulation
Operating Systems and Environments	Windows Server 2012 R2, Windows Server 2016, Windows Server 2019, Windows Server 2022, Windows 10, Windows 8.1, Windows 11, MAC OSX® (including 10.10 to 11), all MAC PPD, Linux® PPD, Universal Print
Printing Protocols	LPR, IPP, IPPS, PAP, Raw TCP (port 9100), FTP, POP3, HTTP, and LDAP

Network Scanning System

Scan Modes	Standard: color, monochrome and grayscale
Max. Original Size	8½" x 14"
Optical Resolution	600 dpi
Output Modes	600 dpi, 400 dpi, 300 dpi, 200 dpi, 150 dpi, 75 dpi
Image Compression	Color Scanning: Uncompressed, G3 (MH), G4 (MR/MMR). Color/Grayscale: JPEG (high, middle, low)
Image Formats²	TIFF, PDF, PDF/A-1a, PDF/A-1b, encrypted PDF, XPS, compact PDF, JPEG, searchable PDF, DOCX, CSV, text (TXT), rich text (RTF), XLSX
Scan Destinations	Email, FTP, Folder (SMB), USB

Super G3 Facsimile Function

Communication Line	Public Switched Telephone Network (PSTN) or Analog PABX (RJ-11)
Transmission Mode	Super G3, G3
Modem Speed	Maximum 33.6 KBPS with auto fallback
Compression	JBIG, MMR, MR, MH, JPEG
Scanning Method	Sheet fed or manual feed from platen glass
Transmit Resolution	600 x 600 dpi (ultra-fine), 300 x 300 dpi (super-fine), 200 x 200 dpi (fine), 200 x 100 (standard)
Transmit Speed	Approx. 3 seconds per page in Super G3 mode
Broadcast	Up to 400 locations
Shortcuts (speed dials)	Up to 1,000
Inbound Fax Routing	To email address, FTP or SMB using Transmit Terminal Identification (TTI).
Max. Original Length	Up to 14"
Memory²	Standard 6 MB/ Max 1 GB
Features²	Transaction Reports, Activity Reports, PC Fax, Quick On-line Transmission, Inbound Fax Routing, Anti-junk Fax Reception, Fax Release, Out-of-Paper Memory Reception, Auto Redial, Auto Exposure, Duplex Reception, Fax Forwarding, Color Page, Color Fax and Scan Preview.

Optional Equipment

MX-CS26	550-sheet Paper Feed Unit
----------------	---------------------------

Supplies

MX-B44T	Black Toner Cartridge (20K)
MX-B42DU	Imaging Unit (40K)

¹ May vary depending on product configuration, machine settings and operating and/or environmental conditions.

² Some features require optional ISD. See your local dealer.

SHARP

SHARP ELECTRONICS CORPORATION
100 Paragon Drive, Montvale, NJ 07645
1-800-BE-SHARP • www.sharpsusa.com

Design and specifications subject to change without notice.



SYNAPPX



©2026 Sharp Electronics Corporation. All rights reserved. Sharp and all related trademarks are trademarks or registered trademarks of Sharp Corporation and/or its affiliated companies. Microsoft, Active Directory, Excel, Microsoft 365, Microsoft Teams, OneDrive, PowerPoint, SharePoint, Windows, and Windows Server are trademarks of the Microsoft group of companies. Android, Gmail, and Google Drive are trademarks or registered trademarks of Google LLC. Adobe and PostScript are either registered trademarks or trademarks of Adobe in the US and/or other countries. Qualcomm DirectOffice is a product of Qualcomm Technologies, Inc. and/or its subsidiaries. Qualcomm is a trademark of Qualcomm Incorporated, registered in the United States and other countries. DirectOffice is a trademark of CSR Imaging US, LP, registered in the United States and other countries. AirPrint is a trademark of Apple Inc., registered in the US and other countries. Wi-Fi and WPA3 are trademarks or registered trademarks of Wi-Fi Alliance®. ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency. All other trademarks are the property of their respective owners.