

## DESKTOP MONOCHROME DOCUMENT SYSTEMS

### Space Saving Solution for the Mobile Worker

The MX-B427W desktop monochrome document system delivers crisp, high-quality output with exceptional ease of use. This document system provides customers with an intuitive user experience and the confidence of knowing their jobs will come out right the first time, every time. Designed with robust technology and energy efficient features, the compact MX-B427W delivers the productivity you need with the performance and reliability you want in your workplace or home office.

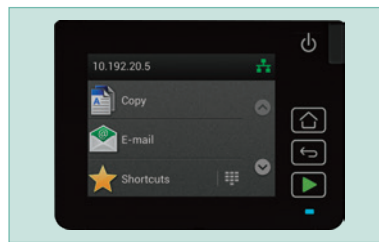


### Key Features

- **Ease of Use** – 2.8" (diagonal) touchscreen display with user-friendly graphical interface provides quick access to a user guide, copy and scan settings and more.
- **Productivity** – Out-of-the-box copy, print, scan and fax capabilities and standard wireless connectivity enables users to easily manage their workflow from PCs, smartphones and tablets.
- **Versatility** – Integrates seamlessly with today's complex network environments and mobile technologies. Sharp utilizes system updates to provide feature enhancements and to ensure your machine remains compatible with current technology.



Standard desktop configuration shown.



Easy-to-use 2.8" (diagonal) touchscreen.



Front USB port for easy direct printing.

### Ultra-compact design with versatile paper handling for virtually any size office.

- Productive printing and copying speeds of up to **42 pages per minute**.
- **100-sheet bypass tray** for envelopes, heavy paper and specialty media.
- Supports **letter and legal size paper** through the standard paper drawer and bypass tray.
- **Compact design** easily fits into small spaces in desktop or console configurations.
- Offers up to **three paper sources** with available 900-sheet maximum paper capacity.
- **600 x 600 dpi** printing delivers clear, crisp images and text page after page
- **50-sheet duplexing document feeder** scans both sides of a document in a single pass for enhanced productivity.
- Standard **Confidential Print** feature helps ensure output security via simple PIN.
- **Supports popular mobile technologies**, enabling users to easily print files from smartphones, tablets and notebook computers.
- Convenient front-facing **USB port for easy direct printing** of PDF files from a USB drive without having to access a PC.
- Standard **PCL® 6 and PostScript® 3™** compatible printing systems deliver crisp, clear documents at up to 42 pages per minute.

# MX-B427W SPECIFICATIONS

## Main Specifications

<b>MX-B427W</b>	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 kits and starter toner included.
<b>Type</b>	Desktop monochrome multifunction printer
<b>Display</b>	2.8" (diagonal) color dot matrix high-resolution touchscreen
<b>Functions</b>	Copy, print, network print, network scan and fax
<b>Originals</b>	Sheets and bound documents
<b>Max. Original Size</b>	8½" x 14"
<b>Output Size</b>	Min. 5½" x 8½", Max. 8½" x 14"
<b>Copy Speed</b>	42 ppm (8½" x 11")
<b>First Copy Time (in seconds)<sup>1</sup></b>	Platen Glass: 5.9 Doc Feeder: 5.9
<b>Magnification</b>	25% to 400% in 1% increments
<b>Original Feed</b>	50-sheet DSPF
<b>Scan Speed</b>	Up to 96 ipm (Mono)/42 ipm (Color)
<b>Original Sizes</b>	5½" x 8½", 8½" x 11", 8½" x 14", 2" x 3½" business card
<b>Paper Capacity</b>	Standard: 350 sheets/Maximum: 900 sheets
<b>Paper Feed System<sup>1</sup></b>	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).
<b>Paper Weights and Types</b>	Standard and optional paper drawers: Plain and heavy paper from 16-32 lb. bond. Other paper types include pre-printed, recycled, pre-punched, letterhead, color paper, paper labels. Bypass tray: 16 lb. to 58 lb. bond, cover, pre-printed, recycled, letterhead, color paper, paper labels, card stock, envelopes.
<b>Duplexing</b>	Standard automatic duplex copying and printing
<b>CPU</b>	1 GHz multi-processor design
<b>Interface</b>	RJ-45 Ethernet (10/100 Base-T), USB 2.0: host, high speed port (front), wireless LAN (IEEE 802.11 a/ac/b/g/n)
<b>Memory</b>	Standard: 512 MB
<b>Copy Resolution</b>	Up to 600 x 600 dpi
<b>Copy Features</b>	Collating copies, copy shortcut, duplex copy, paper save functions (N-Up), 2 up portrait or landscape, 4 up portrait or landscape, scale (reduce/enlarge) function, maximum number of copies 9,999, long edge binding, short edge binding.
<b>Account Control</b>	Supports user authentication via user-number
<b>Output Tray Capacity</b>	Center Exit Tray (Main): 150 sheets plain paper/10 envelopes
<b>Cloud Supported Services</b>	Google Drive, OneDrive for Business, SharePoint Online, Dropbox and Box.
<b>Network Protocols</b>	TCP/IP (IPv4, IPv6, TCP X, UDP X, IPSEC w/ IPv4 X, IPSEC w/ IPv6 X, ICMP X, IGMP X, 802.1x)
<b>Network and Data Security</b>	Includes IP address filtering, protocol filtering, port control, TLS Encryption, Kerberos
<b>Firmware Management</b>	Flash ROM with local (USB), network update capability and firmware update 1 to N

## Main Specifications (continued)

<b>Device Setup</b>	Web-based management/cloning with user/administrator level login
<b>Service/Functions</b>	Remote Front Panel, remote access to service logs and click counts
<b>Accessibility Features</b>	Touch front panel, swipe navigation, key pad operation, AT compatible print and scan drivers, AT compatible embedded web server page, accessible user guides, magnification, tactile volume control, raised operator panel keys, quick copy, display brightness control, control panel key repeat adjustable.
<b>Environmental Standards</b>	International ENERGY STAR Program Ver. 3.0, European RoHS, Blue Angel (RAL-UZ205)
<b>Power</b>	110-127V AC, 50-60 HZ, 12 A receptacle
<b>Power Consumption</b>	0.54 kW
<b>Weight</b>	Approx. 28.2 lbs.
<b>Dimensions</b>	Approx. 16.2" (w) x 14.4" (d) x 13.3" (h)

## Network Printing System

<b>PDL</b>	Standard PCL 6 and PostScript 3 compatible
<b>Resolution</b>	600 x 600 dpi
<b>Print Speed</b>	42 ppm (8½" x 11")
<b>Print Drivers</b>	Windows Server® 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019, Windows 7, Windows 8.1, Windows 10, MAC OS X® (including 10.10 to 10.15), all MAC PPD, Linux® PPD
<b>Mobile Printing</b>	AirPrint, Android printing framework, Wi-fi direct print
<b>Print Features</b>	Auto configuration, bar code font printing, confidential print, custom image registration, different cover page/last page/other page, document filing, duplex printing, electronic sorting, form overlay, image rotation, image type, job retention, layout print, N-up printing, pamphlet style, proof print, stapling, toner save mode, tray status, user authentication, watermarks, zoom print.

<b>Direct Printing</b>	File Types: JPEG, TIFF, GIF, BMP, PNG, PCX, PDF. Methods: FTP, Web page and USB memory
<b>Resident Fonts</b>	89 fonts (PCL), 158 fonts (PS)
<b>Operating Systems and Environments</b>	Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019, Windows 7, Windows 8.1, Windows 10, Citrix®, Linux
<b>Printing Protocols</b>	LPD, Raw TCP (port 9100), enhanced IP (port 9400), FTP, TFTP, IPP

## Network Scanning System

<b>Scan Modes</b>	Standard: color, monochrome and grayscale
<b>Max. Original Size</b>	8½" x 14"
<b>Optical Resolution</b>	600 dpi
<b>Output Modes</b>	600 dpi, 400 dpi, 300 dpi, 200 dpi, 150 dpi, 75 dpi

## Network Scanning System (continued)

<b>Image Compression</b>	Color Scanning: Uncompressed, G3 (MH), G4 (MR/MMR) Color/Grayscale: JPEG (high, middle, low)
<b>Image Formats</b>	JPEG, PDF, PDF/A-1a/1b, XPS, TIFF
<b>Scan Destinations</b>	Email, Desktop, FTP, Folder (SMB), USB, Super G3 fax
<b>Scanning Protocols</b>	HTTP/HTTPS, FTP/FTPS, SMTP/SMTP/SMTP-SSL/ESMTP, POP3, LDAP, S/MIME
<b>Software</b>	Optional third party applications

## Super G3 Facsimile Function

<b>Communication Line</b>	Public Switched Telephone Network (PSTN) or Analog PABX (RJ-11)
<b>Transmission Mode</b>	Super G3, G3
<b>Modem Speed</b>	Maximum 33.6 KBPS with auto fallback
<b>Compression</b>	JBIG, JPEG, MMR, MR, MH
<b>Scanning Method</b>	Sheet fed or manual feed from platen glass
<b>Transmit Resolution</b>	600 x 600 dpi (ultra-fine), 300 x 300 dpi (super-fine), 200 x 200 dpi (fine), 200 x 100 (standard)
<b>Transmit Speed</b>	Approx. 3 seconds per page in Super G3 mode
<b>Auto Dialing</b>	Up to 400 destinations (combined)
<b>Group Dialing</b>	Up to 400 groups
<b>Inbound Fax Routing</b>	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.
<b>Max. Original Length</b>	Up to 14"
<b>Memory</b>	6 MB
<b>Features</b>	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, Group Dialing, Duplex Reception, Fax Forwarding, Color Page and Color Fax.

## Optional Equipment

<b>MX-CS26</b>	550-sheet Paper Feed Unit
<b>Supplies</b>	
<b>MX-B42T</b>	Black Toner Cartridge
<b>MX-B42DU</b>	Black Imaging Kit

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

<sup>2</sup> Some features require optional equipment. See your local dealer.



# SHARP®

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

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