SHARP®

MX-B427W

Sharp desktop monochrome document systems deliver leading-edge integration and powerful productivity, all in a small compact design.

A HIGHER BENCHMARK OF INNOVATION

performance

The MX-B427W desktop monochrome document system delivers crisp, high-quality output with exceptional ease of use. This model 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.

- **Workplace Friendly** – 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.

The compact MX-B427W desktop monochrome document system offers powerful productivity features enabling users to quickly execute workflow tasks, whether in the office, or working from home.
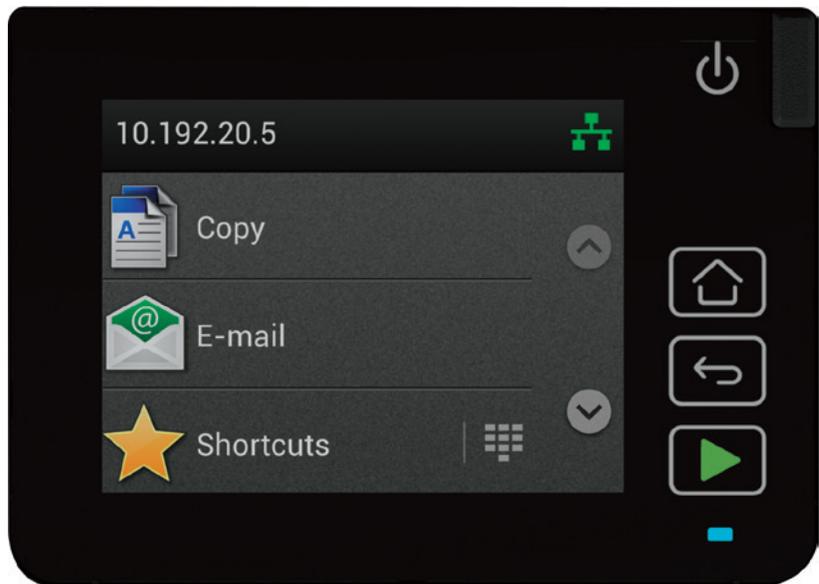
INTUITIVE INTERFACE

STANDARD WIRELESS NETWORKING

VERSATILE DESIGN

A reliable document system that meets tomorrow's business needs today.

- Standard **copy**, **print**, **scan** and **fax** capability right out-of-the-box.

- Productive printing speeds of up to **42 pages per minute.**

- **50-sheet** duplexing document feeder **scans at speeds up to 96 images per minute.**

- Supports **letter, statement and legal size paper** through the standard paper drawer or bypass tray.

- Offers up to **3 paper sources** with available 900-sheet maximum paper capacity.

- **600 x 600 dpi** printing delivers clear, crisp images and text page after page.

- **2.8" (diagonal) color touchscreen** display with user-friendly graphical interface.

- **Compact design** easily fits into small offices or home workspaces in desktop or console configurations.

- Convenient front-facing **USB** port for **easy direct printing** of PDF files from a USB drive without having to access a PC.

- Easily **copy** both sides of **ID**, **business or credit cards** onto one single page.

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

- Protect your intellectual property: **a wide range of security features** help to keep your information safe, whether it's in a document, on the device, or over your network.

- **Sharp Remote Device Manager (SRDM)** allows administrators to have centralized control of the device over the network in order to simplify installation and management.*

*Some SRDM features not available. Contact your Sharp representative for availability and details.

Main Specifications

MX-B427W	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.
Type	Desktop monochrome multifunction printer
Display	2.8" (diagonal) color dot matrix high-resolution 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: 5.9 Doc Feeder: 5.9
Magnification	25% to 400% in 1% increments
Original Feed	50-sheet DSPF
Scan Speed	Up to 96 ipm (Mono)/42 ipm (Color)
Original Sizes	5½" x 8½", 8½" x 11", 8½" x 14", 2" x 3½" business card
Paper Capacity	Standard: 350 sheets/Maximum: 900 sheets
Paper Feed System[1]	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 16-32 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.
Duplexing	Standard automatic duplex copying and printing
CPU	1 GHz multi-processor design
Interface	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)
Memory	Standard: 512 MB
Copy Resolution	Up to 600 x 600 dpi
Copy Features	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.
Account Control	Supports user authentication via user-number
Output Tray Capacity	Center Exit Tray (Main): 150 sheets plain paper/10 envelopes
Cloud Supported Services	Google Drive, OneDrive for Business, SharePoint Online, Dropbox and Box.
Network Protocols	TCP/IP (IPv4, IPv6, TCP X, UDP X, IPSEC w/ IPv4 X, IPSEC w/ IPv6 X, ICMP X, IGMP X, 802.1x)
Network and Data Security	Includes IP address filtering, protocol filtering, port control, TLS Encryption, Kerberos
Firmware Management	Flash ROM with local (USB), network update capability and firmware update 1 to N

Main Specifications *(continued)*

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	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.
Environmental Standards	International ENERGY STAR Program Ver. 3.0, European RoHS, Blue Angel (RAL-UZ205)
Power	110-127V AC, 50-60 HZ, 12 A receptacle
Power Consumption	0.54 kW
Weight	Approx. 28.2 lbs.
Dimensions	Approx. 16.2" (w) x 14.4" (d) x 13.3" (h)

Network Printing System

PDL	Standard PCL 6 and PostScript 3 compatible
Resolution	600 x 600 dpi
Print Speed	42 ppm (8½" x 11")
Print Drivers	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 OSX® (including 10.10 to 10.15), all MAC PPD, Linux® PPD, Universal Print (requires Microsoft connector)
Mobile Printing	AirPrint, Android printing framework, Wi-fi direct print
Print Features	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.
Direct Printing	File Types: JPEG, TIFF, GIF, BMP, PNG, PCX, PDF. Methods: FTP, Web page and USB memory
Resident Fonts	89 fonts (PCL), 158 fonts (PS)
Operating Systems and Environments	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
Printing Protocols	LPD, Raw TCP (port 9100), enhanced IP (port 9400), FTP, TFTP, IPP

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

Network Scanning System *(continued)*

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

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, JPEG, MMR, MR, MH
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
Auto Dialing	Up to 400 destinations (combined)
Group Dialing	Up to 400 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 14"
Memory	6 MB
Features	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

MX-CS26	550-sheet Paper Feed Unit

Supplies

MX-B42T	Black Toner Cartridge
MX-B42DU	Black Imaging Kit

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

[2] Some features require optional equipment. See your local dealer.