

Compact for today—scalable for tomorrow



smart **b**usiness **p**artner

Solid Security

A range of security features help to keep your information safe—whether in a document, on the device, or over your network. The Trusted Platform Module (TPM) is an industry-standard chip that uses cryptoprocessor technology to protect hardware such as MFD hard drives. It provides authentication, system integrity checks, and advanced encryption. As well as improving security for certificates and encryption keys, TPM adds extra protection by storing hard drive encryption keys separately from your data.

Embedded Solutions

eSF (Embedded Solutions Framework) allows users to accomplish a variety of tasks from the MFD through an intuitive Java-based platform. It boosts productivity by streamlining paper-intensive work processes.

Cloud Service Connectivity

Directly from its control panel, the MFD can connect to popular cloud services, such as Microsoft Teams and Google Drive™. You can easily print from the cloud or scan and upload to it.

Wireless LAN Connections

Enjoy greater flexibility with built-in wireless connectivity that supports IEEE 802.11 a/ac/b/g/n standards. Easily connect from mobile devices and place the MFD wherever it suits your workspace. The MFD also supports Wi-Fi Direct® for peer-to-peer connection with compatible PCs and mobile devices.

Mobile Printing

Print directly from Apple devices with built-in AirPrint support—no printer driver needed. The MX-B428W also supports Apple iBeacon, allowing your AirPrint-enabled device to automatically detect and connect to the MFD, even if it's not on the same subnet.

Space-Saving Design

With its small footprint*¹ of 412 × 361 mm, the MX-B428W will easily find a niche in your SOHO or larger office. Simply place it on a desk, under a counter, or anywhere that space is limited.

Easy-to-Use Interface

Operating the MX-B428W is easy and intuitive with the full-flat 4.3-inch colour LCD touchscreen. In Easy UI mode, the touchscreen displays simple icons for frequently used functions. And with the optional Preview function*², you can check the finish of a print or scan job in advance.

Front USB Port

At the front of the MFD is a USB port for printing directly from or scanning directly to a USB drive—perfect when you need quick access without a PC.

Quick Scanning

The MFD's DSPF (duplex single pass feeder) scans both pages of two-sided documents in one pass—in batches of up to 50 sheets. With a scanning speed of up to 46 opm*³ (one-sided) or 92 opm*³ (two-sided), the MFD can finish large projects with ease and efficiency.

OCR

Optional OCR (optical character recognition) capability*⁴ on the MX-B428W lets you convert a scanned document into a searchable PDF file or into an editable Office Word or Excel file.

Device Management

Sharp Remote Device Manager (SRDM)*⁴ gives administrators centralised control of their networked MFDs and printers. This software covers system setup, security settings, troubleshooting, and more.

*1: Base unit only. *2: Requires optional Intelligent Storage Drive. *3: Originals per minute; when feeding A4 sheets in B/W.

*4: Contact a Sharp customer representative for availability and other details.

SPECIFICATIONS

General	
Type	Desktop
Engine speed	A4 ^{*1} : Max. 40 ppm
Control panel display	4.3-inch colour LCD touchscreen
Paper size	Max. A4, min. A6
Paper capacity (75 g/m²)	Standard: 350 sheets (250-sheet tray and 100-sheet multipurpose feeder) Maximum: 900 sheets (350 sheets & optional 550-sheet tray)
Paper weight	Trays: 60 g/m² to 120 g/m² Multipurpose feeder: 60 g/m² to 217 g/m²
Memory	Standard: 2 GB Option: 128 GB ISD
Dimensions (W x D x H)	412 x 361 x 354 mm
Weight (approx.)	13.61 kg

Copier	
Original paper size	Max. A4
First copy time ^{*2}	5.9 sec.
Continuous copy	Max. 9,999 copies
Resolution	Max. 600 x 600 dpi
Zoom range	25% to 400% in 1% increments
Preset copy ratios	6 ratios (2R/4E)

Scanner	
Scan method	Push scan (via control panel) Pull scan (TWAIN-compliant application)
Scan speed ^{*3}	[Colour] One-sided: Max. 20 originals/min. Two-sided: Max. 40 originals/min. [B/W] One-sided: Max. 46 originals/min. Two-sided: Max. 92 originals/min.
Resolution	Push scan: 75, 150, 200, 300, 400, 600 dpi Pull scan: 75, 150, 200, 300, 400, 600 dpi
File formats	TIFF, PDF, PDF/A-1a, PDF/A-1b, encrypted PDF, XPS, compact PDF ^{*4*5} , JPEG ^{*5} , searchable PDF ^{*6} , DOCX ^{*6} , XLSX ^{*6} , CSV ^{*6} , text (TXT) ^{*6} , rich text (RTF) ^{*6}
Scan destinations	Scan to email/FTP server/USB drive/network folder (SMB)/ISD ^{*4}

Printer	
Resolution	1,200 x 1,200 dpi, 2,400 (equivalent) x 600 dpi, 1,200 (equivalent) x 600 dpi, 600 x 600 dpi, 300 x 300 dpi
Interface	USB 2.0 (host, high-speed), 10Base-T/100Base-TX/1000Base-T, wireless LAN (IEEE 802.11 a/ac/b/g/n)
Supported OS	Windows Server 2016, Windows Server 2019, Windows Server 2022, Windows Server 2025, Windows 10, Windows 11 Mac OS 10.15, 11, 12, 13, 14, 15, 26
Network protocols	TCP/IP
Printing protocols	LPD, Raw TCP (port 9100), enhanced IP (port 9400), FTP, TFTP, IPP
PDL	PCL 5e/PCL 6 emulation, PostScript 3 emulation
Available fonts	94 fonts for PCL, 163 fonts for PostScript 3 emulation

Facsimile	
Compression method	MH/MR/MMR/JBIG/JBIG2/JPEG
Communication protocol	Super G3/G3
Transmission time	Less than 3 seconds ^{*7}
Modem speed	33,600 bps to 2,400 bps with automatic fallback
Transmission resolution	B/W: From Standard to Ultra Fine Colour: From Fine to Super Fine
Recording size	A4 to A6
Memory	6 MB (built-in) ^{*8}

- ^{*1}: Short-edge feeding.

^{*2}: Short-edge feeding of A4 sheets from 1st paper tray, using document glass, MFD in fully ready condition. May vary depending on operating conditions and environment.

^{*3}: Scan speed will vary depending on the type of document, scan settings, operating conditions, and environment.

^{*4}: Requires optional ISD .

^{*5}: Colour/greyscale only.

^{*6}: Requires optional OCR application with ISD. Contact a Sharp customer representative for details.

^{*7}: Based on ITU-T test chart #1 at 33,600 bps.

^{*8}: Faxes are stored on an optional ISD (if installed). Fax storage is 1 GB less than total hard drive capacity.
- Design and specifications are subject to change without prior notice.

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