

MONOCHROME MULTIFUNCTION PRINTER

Space Saving Solution with Reliable Performance

Designed to fulfill the needs of today's diverse work styles.

The new MX-B468F 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 software typically found on full-size workgroup devices, the compact MX-B468F delivers the productivity you need with the performance and reliability you want in your workplace or home office.

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

Productivity Copy, print, scan and fax capabilities come standard plus Cloud Connect features and optional 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. Sharp utilizes system updates to provide feature enhancements and to ensure your machine remains compatible with current technology.



100-sheet 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 compact design with advanced workflow features for virtually any size office.

- Productive printing and copying speeds of up to **46 pages per minute**.
- Standard **PCL®6 and PostScript®3™** compatible printing systems deliver crisp, clear documents at up to 46 pages per minute.
- 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 for easy **direct printing** of Microsoft® Office files from a USB drive without having to access a PC.
- **1,200 x 1,200 dpi** printing delivers clear, crisp images and text page after page.
- **100-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.
- Offers up to **five paper sources** with available 2,300-sheet maximum paper capacity.
- **Optical character recognition (OCR)** compatibility available via third-party applications, allows users to convert a scanned document into a searchable PDF file or editable Word or Excel files.

SPECIFICATIONS MX-B468F

Main Specifications

MX-B468F	Base model includes 100-sheet DSPF, PCL® 6 and PostScript® 3™ compatible printing systems, network scanning, auto duplexing, 1 x 550-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	46 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	100-sheet DSPF
Scan Speed	Simplex Mono up to 52 ppm; Simplex Color up to 36 ppm Duplex Mono up to 104 ipm; Duplex Color up to 72 ipm
Original Sizes	3" x 5", 8½" x 11", 8½" x 14", 2" x 3½" business card
Paper Capacity	Standard: 650 sheets/Maximum: 2,300 sheets
Paper Feed System¹	Standard: 550-sheet paper drawer and 100-sheet bypass tray (letter/legal/statement size, envelopes through bypass only). Optional: 3 x 550 or 3 x 250-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, 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), optional wireless LAN (IEEE 802.11 a/ac/b/g/n)
Memory	Standard: 2 GB
Hard Disk Drive²	Optional 500 GB and 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): 250 sheets plain paper
Cloud Supported Services³	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 Security²	Includes IP address filtering, protocol filtering, port control, TLS Encryption, Kerberos, AES 256-bit data encryption, optional data overwrite (1 time)

Main Specifications (continued)

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	0.58 kWh
Weight	Approx. 46.8 lbs.
Dimensions	Approx. 18.9" (w) x 17.7" (d) x 20.2" (h)

Network Printing System

PDL	Standard PCL 6 and PostScript 3 compatible
Resolution	1,200 x 1,200 dpi
Print Speed	46 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, 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, DOC/DOCX, GIF, JPEG, PCX, PDF, PNG, PPT/PPTX, TIFF, XLS/XLSX. 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 LADP

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	Color Scanning: Uncompressed, G3 (MH), G4 (MR/MMR)
Compression	Color/Grayscale: JPEG (high, middle, low)
Image Formats²	TIFF, PDF, PDF/A-1a, PDF/A-1b, encrypted PDF, XPS, JPEG
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 500
Inbound Fax Routing	To email address, FTP or SMB using Transmit Terminal Identification (TTI).
Max. Original Length	Up to 14"
Memory²	Standard 18 MB/ Max. 1GB (with HDD)
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-CS31	250-sheet Paper Feed Unit
MX-CS32	550-sheet Paper Feed Unit

Supplies

MX-B47T	Black Toner Cartridge (31K)
MX-B47DU	Imaging Unit (75K)

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

² Some features require optional hard disk drive. See your local dealer.

³ May not yet be available for all models. Please contact a Sharp representative for further details.

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