# SHARP®

MX-M5051  MX-M6051

## ESSENTIALS SERIES MONOCHROME DOCUMENT SYSTEMS

## Designed for the technology-driven workplace.

The Sharp MX-M5051 and MX-M6051 Essentials Series monochrome document systems are built using the latest technology available to deliver the performance, features and reliability needed in today's busy workplace environments. These new MFPs are also easy to use and offer enhanced productivity, all to provide customers with a seamless, intuitive experience, and the confidence in knowing their jobs will come out right the first time, every time. The new Monochrome Essentials Series also offers leading-edge security features to help businesses protect their data and personal information.
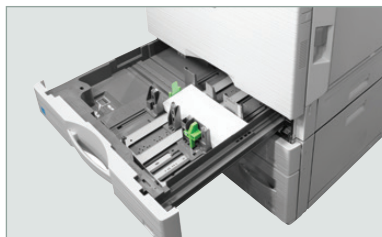
## Key Features

- **Ease of Use** – Award-winning touchscreen display offers a user-friendly graphical interface with simplified Easy Modes, integrated user guides and quick access to network services. With Sharp's new **MFP Voice** feature available for these models, you can interact with the machine with the power of natural language.

- **Productive Features** – Standard full multifunction capability out-of-box, including copying, network printing and color network scanning. Add the optional PostScript Kit to enable the Adobe Embedded Print Engine, which direct prints PDF files with greater performance and rendering accuracy.

- **Workplace Friendly** – Integrates seamlessly with today's complex network environments, and supports popular cloud services and mobile technologies. Sharp's new **Application Portal** enables administrators to easily add new apps or update existing apps right from the MFP.

*Award-winning 10.1" (diagonal) customizable touchscreen display.*

*MX-M6051 shown with available Sharp MFP Voice feature with Alexa.*

*Feeds up to 50 envelopes from the standard paper tray.*

*Sharp's ImageSEND™ feature provides one-touch distribution to email, cloud applications and more.*

## A feature-rich multifunction document system that is also cost-effective.

- Standard 100-sheet **reversing single-pass document feeder** scans documents at speeds up to 80 images per minute (ipm).

- **Flexible paper handling** supports media up to 110 lb. cover (300 gsm) and feeds up to 12" x 18" through the paper trays, allowing users to print on a wide variety of media, including envelopes through the standard paper tray and bypass tray.

- Access popular cloud services, such as Microsoft OneDrive™ for Business, SharePoint® Online, Google Drive™, Dropbox and more with Sharp's available **Cloud Connect** feature. And with Sharp's new **Application Portal** administrators can add or update apps right from the MFP.

- Sharp's new **MFP Voice** feature enables users to control the device with simple verbal commands. Experience a hands-free, voice-first interaction with **Amazon Alexa**, available for these Essentials Series models.

- Network-ready **PCL® 6** and available **Adobe® PostScript® 3™** printing systems ensure your documents print with the clarity and formatting you expect.

- With the available OCR Expansion Kit, you can easily **convert documents** to popular **Microsoft®** file formats as well as a variety of **PDF formats**. You can also add options to **Direct Print** these same file types from thumb drives, cloud applications and more.*

- Award-winning 10.1" (diagonal) **customizable touchscreen display** with a clean design enables easy access to features and functions when setting up jobs.

- Available **wireless networking** feature can connect directly to your network or to mobile devices for convenient scanning and printing with the **Sharpdesk® Mobile App**.

- Availlable **compact PDF** feature dramatically reduces the file size of most color scanned documents, resulting in decreased network traffic and more efficient use of disk and cloud storage.

- **Multi-layered, leading-edge security features** provide enhanced protection against hackers.

*This function is available via Qualcomm® DirectOffice™ technology.

## Main Specifications

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|---|---|
| MX-M5051/M6051 | Base models include multitasking controller, 100-sheet RSPF and PCL 6 printing system, network scanning, auto duplexing, 1 x 550-sheet paper drawer, 100-sheet bypass tray. |
| Type | Monochrome multi-function digital document system |
| Display | 10.1" (diagonal) color dot matrix high-resolution touch panel tilting display. 1,024 x 600 dots (W-SVGA) |
| Functions | Copy, print, network print, network scan, document filing and fax[1] |
| Copy System | Dry electrostatic transfer/Dual component developer/Magnetic brush development/OPC drums/Belt fusing/white LED exposure |
| Originals | Sheets and bound documents |
| Max. Original Size | 11" x 17" |
| Output Size | Min. 5½" x 8½", Max. 12" x 18" |
| Copy Speed | 50/60 ppm (8½" x 11") |
| Multiple Copy | Max. 9,999 copies |

| First Copy Time | | MX-M5051 | MX-M6051 |
|---|---|---|---|
| (In Seconds)[2] | Platen Glass | 3.7 | 3.5 |
| | RSPF | 6.6 | 6.3 |

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|---|---|
| Warm Up Time | MX-M5051: 29 seconds (from main power switch on), 16 seconds (from [Power] button on) MX-M6051: 31 seconds (from main power switch on), 18 seconds (from [Power] button on) |
| Magnification | 25% to 400% in 1% increments (with RSPF 25%‑200%) |
| Original Feed | 100-sheet RSPF with original size detection |
| Scan Speed | Copy: Up to 80 ipm (Mono) Scan: Up to 80 ipm (Mono/Color) |
| Original Sizes | 5½" x 8½", 8½" x 11", 8½" x 11" R, 8½" x 14", 11" x 17" |
| Paper Capacity | Standard: 650 Sheets, Maximum: 6,300 Sheets |
| Paper Feed System | Standard: (1) paper drawer 550 sheets (letter/legal/ledger/stmt. size) or up to 50 envelopes (max. height: 25 mm), 100-sheet (or 20 envelope) bypass tray. Optional: Single, double, or triple paper drawer(s) (550, 1,100, or 1,650 sheets), split tandem paper drawers 2,100 sheets (letter) + (1) 550-sheet paper drawer (letter/legal/ledger/ statement size). |
| Paper Weights and Types | Paper drawers: 18 lb. bond to 110 lb. cover. Drawer 1: 20-24 lb. bond or Monarch/Com-9 envelopes. Split Tandem Drawers: 18 lb. bond to 28 lb. bond or plain, pre-printed, recycled, pre-punched, letterhead and color paper. Bypass tray: 16-28 lb. bond (plain paper), 13-16 lb. bond (thin paper), 28 lb. bond-110 lb. cover (heavy paper), tab paper (letter) and Monarch/Com-10 envelopes. Also label, gloss, preprinted, recycled, pre-punched, letterhead and color paper or OHP film. |
| Duplexing | Standard automatic duplex copying and printing |
| CPU | Up to 1.4 GHz multi-processor design |
| Interface | 10/100/1000 Base-T Ethernet, USB 2.0: 2 host ports (front & rear), opt. wireless 802.11 b/g/n |
| Memory | Standard 5 GB copy/print (shared) |
| Hard Disk Drive | 500 GB |
| Copy Resolution | Scan: Up to 600 x 600 dpi Output: Up to 600 x 600 dpi |
| Copy Modes | Monochrome/Grayscale |
| Exposure Control | Modes: Automatic, Text, Text/Photo, Text/Printed-Photo, Printed-Photo, Photo, Map, Pale-Color Document. Settings: Auto or 9 step manual |
| Halftone | 256 gradations/2 levels (monochrome) |
| Copy Features | Scan-Once Print-Many, electronic sorting, offset-stacking, Auto Paper Selection (APS), Auto Magnification Selection (AMS), Auto Tray Switching (ATS), black-white reversal, blank page skip, book copy, book divide, card shot, center erase, centering, cover pages, dual page copy, edge erase, image edit, image preview, insert pages, job build, job programs, margin shift, mirror image, mixed size original, multi-page enlargement, original count, pamphlet style, proof copy, repeat layout, reserve copy, rotated copy, stamp, stamp custom image, suppress background, tab copy, tab-paper insertion, tandem copy, toner save mode, transparency inserts, watermark, 2-in-1 / 4-in-1 / 8-in-1 multi shot |
| Account Control | Up to 1,000 users. Supports user-number authentication via local, LDAP, and Active Directory for copy, print, scan and document management |

## Main Specifications (continued)

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|---|---|
| Output Tray Capacity | Center Exit Tray (Main): 250 sheets (face down) Job Separator (Upper Tray): 100 sheets (face down) Right Side Exit Tray: 100 sheets (face down) |
| Cloud Supported Services (Option) | Google Cloud Print, Google Drive, Box, OneDrive for Business, SharePoint Online, Dropbox, Office 365, Gmail |
| Network Protocols | TCP/IP (IPv4, IPv6, IPsec), HTTP/HTTPS, IPP/IPP-SSL, FTP/ FTPS, SNMPv3, SMTP/SMTP-SSL, POP3/POP3-SSL, LDAP/ LDAP-SSL, 802.1x for Windows and Unix. |
| Network and Data Security | Includes IP/MAC address filtering, protocol filtering, port control, user authentication (local/LDAP/Active Directory), TLS Encryption, Kerberos support |
| Firmware Management | Flash ROM with local (USB), network update capability and firmware update 1 to N with SRDM (Sharp Remote Device Manager) |
| Device Setup | Web-based management with user/admin level login |
| Service/Functions | Remote Front Panel, remote access to service logs and click counts |
| Accessibility Features | Free stop tilting front panel, adjustment of key touch sound and speed, concave key, document feeder free stop, job programs, remote front panel, universal grip for paper trays, and disable screen timeout |
| Environmental Standards | International Energy Star Program Ver. 3.0, European RoHS, Blue Angel (RAL-UZ205) |
| Power Source | 110-127 V AC, 60 HZ, 20 A receptacle |
| Power Consumption | 1.5 kW or less |
| Weight | Approx. 141 lbs. |
| Dimensions | Approx. 24" (w) x 26" (d) 33" (h) |

## Network Printing System

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|---|---|
| PDL | Standard PCL 6, optional Adobe PostScript 3 |
| Resolution | 600 x 600 dpi |
| Print Speed | 26/30/35/40 pages per minute (8½" x 11") |
| Print Drivers | Windows® 7, Windows 8.1, Windows 10, WindowsServer® 2008, Windows Server 2012, Windows Server 2016, Windows Server 2019, Windows PPD, Mac® OS X® (including 10.9 to 10.14), all Mac PPD, UNIX®, Linux® |
| Mobile Printing[1] | Android printing framework (Sharp Print Service Plugin), Sharpdesk Mobile, Google Cloud Print, Apple AirPrint |
| Print Features | Auto configuration, serverless print release, chapter inserts, confidential print, continuous printing, custom image registration, document control, document filing, duplex printing, electronic sorting, form overlay, hidden pattern print, image rotation, job bypass print, job retention, layout print, margin shift, multiple pamphlet, network tandem print, N-up printing, offset stacking, page interleave, pamphlet style, poster print, proof print, print and send, tab paper print, tab printing, transparency inserts, tray status, user authentication single sign-on, watermarks, zoom print |
| Direct Printing | File Types: TIFF, JPEG, PCL, PRN, TXT, and PNG. Optional: PDF, Compact PDF, Encrypted PDF, PS, DOCX, XLSX and PPTX. Methods: FTP, SMB, Web page, Email and USB memory. PDF file formats support the Adobe Embedded Print Engine |
| Resident Fonts | 80 outline fonts (PCL), 139 fonts (PS) (Host) |
| Interface | RJ-45 Ethernet 10/100/1000 Base-T, USB 2.0, Wireless |
| Operating Systems and Environments | Windows 7, Windows 8, Windows 10, Windows Server 2008, Windows Server 2012, Windows Server 2016, Windows Server 2019, Chrome®, Mac OS X10.9 to 10.14, Unix, Linux, Citrix®, and SAP device types[1] |
| Printing Protocols | LPR, IPP, IPPS, Raw TCP (port 9100), FTP, POP3, HTTP, and LPD and LPR for Unix |

## Network Scanning System

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|---|---|
| Scan Modes | Standard: Color, monochrome, grayscale |
| Max. Original Size | 11" x 17" |
| Optical Resolution | 600 dpi |
| Output Modes | 600 dpi, 400 dpi, 300 dpi, 200 dpi, 150 dpi, 100 dpi |
| Image Compression | Monochrome Scanning: Uncompressed, G3 (MH), G4 (MR/MMR) Color/Grayscale: JPEG (high, middle, low) Internet Fax mode: MH/MMR (option)[1] |
| Scan Destinations | Email, Desktop, FTP, Folder (SMB), USB, Internet fax (option), Super G3 fax (option) |

## Network Scanning System (continued)

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|---|---|
| Image Formats | Monochrome: TIFF, PDF, PDF/A-1b, Encrypted PDF, XPS Optional: PDF/A-1a, Text-searchable PDF, PPTX, XLXS, DOCX, TXT, RTF Color/Grayscale: TIFF, JPEG, PDF, PDF/A-1b, Encrypted PDF, XPS Optional: PDF/A-1a, Compact PDF, Text-searchable PDF, PPTX, XLXS, DOCX, TXT, RTF Internet Fax: TIFF-FX, TIFF-F, TIFF-S[1] |
| One-touch Destinations | Up to 2,000 (combined scan destinations) |
| Group Destinations | Up to 500 |
| Programs | 48 (combined) |
| Max. Jobs | Up to 100 |
| Enhanced Email Integration | Standard Gmail connector, standard Exchange connector |
| Software[1] | Sharpdesk personal document management software, Network Scanner tool, Sharpdesk Mobile (download) |

## Optional Equipment

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|---|---|
| MX-60ABD | Deluxe Copier Cabinet Base (with front door) |
| MX-DE25N | Stand/1 x 550-sheet Paper Drawer |
| MX-DE26N | Stand/2 x 550-sheet Paper Drawers |
| MX-DE27N | Stand/3 x 550-sheet Paper Drawers |
| MX-DE28N | Stand/1 x 550 + 2,100-sheet Split Tandem Paper Drawers |
| MX-DE29N | Low Stand/1 x 550-sheet Paper Drawer |
| MX-LC17N | 3,000-sheet Large Capacity Cassette (letter, requires MX-DE25N/26N/27N/28N) |
| MX-LT10 | Long Paper Feeding Tray |
| MX-FN27N | 50-sheet Staple Inner Finisher |
| MX-FN28 | 1K Stacking 50-sheet Staple Finisher |
| MX-FN29 | 1K Stacking 50-sheet Staple/Saddle Stitch Finisher |
| MX-FN30 | 3K Stacking 65-sheet Staple Finisher |
| MX-FN31 | 3K Stacking 65-sheet Staple/Saddle Stitch Finisher |
| MX-RB25N | Paper Pass Unit (required for MX-FN28/29/30/31) |
| MX-PN14B | 3-Hole Punch Unit (requires MX-FN27N) |
| MX-PN15B | 3-Hole Punch Unit (requires MX-FN28/29) |
| MX-PN16B | 3-Hole Punch Unit (requires MX-FN30/31) |
| MX-SCX1 | Staple Cartridge for MX-FN27N/28 |
| AR-SC2 | Saddle-stitch Staple Cartridge for MX-FN29 |
| MX-SC11 | Staple Cartridge for MX-FN30/31 |
| MX-SC12 | Saddle-stitch Staple Cartridge for MX-FN31 |
| MX-TR19N | Right Side Exit Tray |
| MX-TR20 | Job Separator Tray |
| MX-TU16 | Center Exit Tray |
| MX-UT10 | Utility Table |
| MX-EB18 | Wireless LAN |
| MX-EB19L | Compact PDF Kit |
| MX-EB20L | OCR Expansion Kit |
| MX-FX15 | Fax Expansion Kit |
| MX-FWX1L | Internet Fax Kit |
| MX-PF10 | Bar Code Font Kit |
| MX-PK13L | Adobe PostScript 3 Expansion Kit |
| MX-PU10L | Direct Print Expansion Kit |
| AR-SU1 | Stamp Unit (requires AR-SV1 Stamp Cartridge) |
| AR-SV1 | Stamp Cartridge |
| MX-AMX1L | Application Integration Module |
| MX-AMX2L | Application Communication Module |
| MX-AMX3L | External Accounting Module |
| MX-FR64U | Data Security Kit |
| DVENDFSV | Generic Vendor Interface Kit |

## Supplies

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|---|---|
| MX-561NT | Toner Cartridge |
| MX-561NV | Developer |
| MX-560DR | Drum |
| MX-609HB | Toner Collection Container |

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

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

Sharp Open Systems Architecture · MV™ SHARP · Qualcomm® DirectOffice™ · AirPrint · Google Cloud Print 2.0 Ready · epeat SILVER · ENERGY STAR

## SHARP