

# SHARP®

## ESSENTIALS SERIES MONOCHROME DOCUMENT SYSTEMS



MX-M2651 MX-M3051 MX-M3551 MX-M4051



"2019 Copier MFP Line of the Year"  
"New to the Line"

The New Sharp Monochrome Essentials Series document systems deliver versatile workflow features, enhanced integration and strong value.

## DESIGNED FOR THE TECHNOLOGY-DRIVEN WORKPLACE

# essentials

The Sharp MX-M2651, MX-M3051, MX-M3551 and MX-M4051 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.

The new MX-M2651, MX-M3051, MX-M3551 and MX-M4051 Monochrome Essentials Series document systems are feature-rich and offer businesses powerful multitasking features at a strong value.



 POWERED BY  
Adobe Embedded Print Engine

# POWERFUL PERFORMANCE, STRONG PRODUCTIVITY



## EASY TO USE

## PRODUCTIVE FEATURES

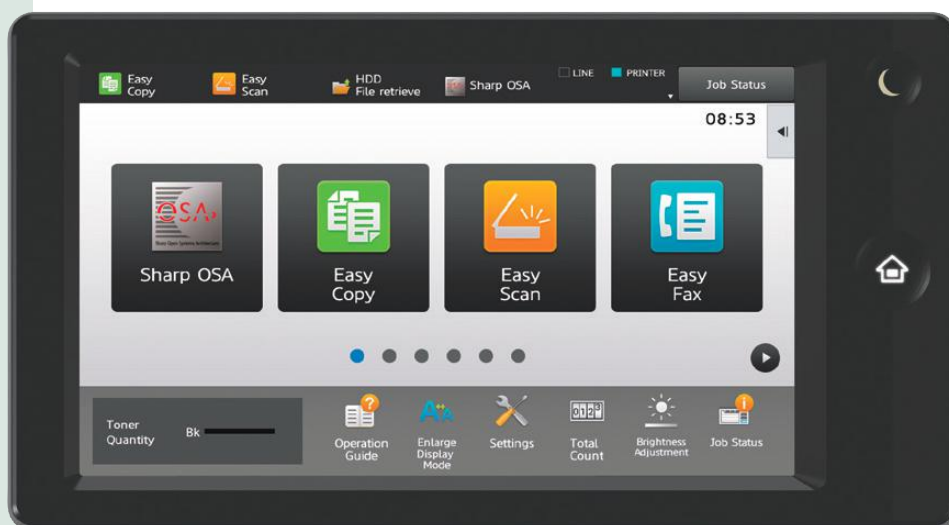
## WORKPLACE FRIENDLY



"Pacesetter Award in  
Ease of Use 2018-2019"

## 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.
- 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.\*



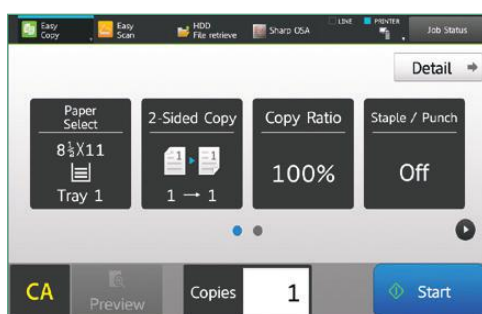
- Award-winning 10.1" (diagonal) **customizable touchscreen display** with a clean design enables easy access to features and functions when setting up jobs.
- Available **wireless networking** feature can connect directly to your network or to mobile devices for convenient scanning and printing with the **Sharpdesk® Mobile App**.
- 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.
- Available **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 and help businesses stay one step ahead of hackers and malicious network intruders. An End-of-Lease feature can erase all data and personal information at time of trade-in.

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





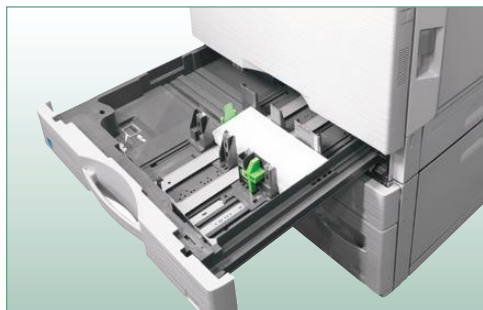
## ENHANCED FUNCTIONALITY – INTUITIVE DESIGN



*Easy Copy Screen offers the most commonly used settings.*



*MX-M3051 shown in both a compact configuration with inner finisher and full configuration with saddle stitch finisher and large capacity cassette.*



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

## From paper handling to networking, the MX-M2651/ M3051/M3551/M4051 Monochrome Essentials Series will exceed your expectations.

### *Simple and Intuitive Operation*

From the most basic of copy functions, to the most complex scan jobs, the Monochrome Essentials Series will perform them with ease and efficiency. Use one of the **Easy Modes** for fast, simple operation, with basic functions displayed in **large, clearly-labeled tiles** and keys. Easy Modes are available for the standard copy and scan functions, as well as for the optional fax expansion kit. And for more advanced features, just touch the “Details” button—it’s that easy.

### *The Productivity You Need with the Performance You Want*

When it’s time to get the job done, the Essentials Series monochrome document systems are outstanding performers. Quickly scan documents at speeds up to **80 ipm**. Then use the **manual stapling feature** on select finishers to restaple your originals. **Multiple finishing options** give you the output you require, be it stacked, stapled, or saddle-stitched. There’s even an available built-in **stapleless finishing** feature, which can bind up to five sheets of paper by adding a crimp to the corner of the set, saving regular staples for larger sets. These models also feed up to 50 envelopes from the standard paper tray.\*

### *Experience Hands-free, Voice-first Interaction at the MFP with Alexa*

Sharp has always been known for enhancing MFP productivity in the workplace by offering innovative, easy-to-use features. Sharp has done it again with the new **MFP Voice feature** available for the new Monochrome Essentials Series document systems. With Sharp’s MFP Voice feature, you can interact with the machine just by using the power of natural language. With simple voice commands, you can ask the Sharp document system to make copies or scan a document.



*“Alexa, ask Sharp Copier to scan to me.”*



*MX-M4051 shown with available Sharp MFP Voice feature with Alexa.*

\*See specifications for a list of supported envelopes.

# HIGH IMPACT VERSATILITY AND SCALABILITY

The MX-M2651/M3051/M3551/M4051 Essentials Series monochrome document systems provide high-performance functionality that easily adapts to your business needs.

## innovative features

### Reversing Single Pass Feeder (RSPF)

Standard 100-sheet reversing document feeder scans up to 80 ipm.

### Convenient Wireless Networking

Scanning and printing from mobile devices is made quick and easy with the available Sharpdesk Mobile App.

### Easy-to-Use Smart Touchscreen

Award-winning, tablet-style menu provides quick access to features and functions.

### High Quality Printing

600 x 600 dpi resolution produces razor-sharp documents. Available Adobe PostScript 3 drivers offer extensive job control.

### In-line Stapling

Produce professional-looking corner-staple or edge-staple documents up to 65 pages.

### Manual Stapler

Manual stapling feature makes it easy to re-staple originals after scanning.

### Saddle Stitch Finishers

Make high quality booklets up to 80 pages.

### Hands-free Operation

The available MFP Voice feature enables users to control the device using simple verbal commands with Alexa.

### 100-sheet Bypass Tray

Manual bypass tray feeds envelopes, OHP film, glossy paper, as well as paper up to 300 gsm.

### Multi-layered Security Features

Leading-edge security features provide enhanced protection of data and personal information and helps protect against network intrusions.

### Easily Access Popular Cloud Applications

With the available Cloud Connect feature, users gain access to Microsoft OneDrive, Google Drive, Dropbox and more. Sharp's new Application Portal makes it easy for administrators to add or update apps right from the MFP.

### Advanced Finishing

Sharp gives you a choice of five high-performance finishers to give your documents a professional look. Choose from a compact inner finisher to a high capacity, floor-standing saddle stitch finisher.

### Flexible Paper Handling

Paper drawers feed up to 12" x 18" and support media up to 300 gsm. Also feeds up to 50 envelopes through the standard paper tray.\* A variety of paper tray options are available, including a large capacity cassette and split tandem paper drawers for a total on-line capacity of 6,300 sheets.

\* See specifications for a list of supported envelopes.



## ENHANCED COLLABORATION FOR STREAMLINED WORKFLOWS



Access popular cloud applications, distribute files and print documents more easily.



Scan and convert documents to popular file types with optional OCR Expansion Kit.

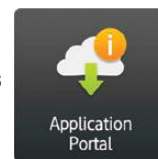


Standard Serverless Print Release enables users to securely print a job and release it from up to six supported models on the same network.

### Expandable workflow solutions that can grow as your business needs change.

#### *Distribute, Access and Print Your Documents with Ease*

Sharp makes it easy to go beyond traditional network scanning with optional **Email Connect** and **Cloud Connect** features. With Email Connect, scan to email is seamlessly integrated with Microsoft Exchange/Office 365® and Gmail™ user accounts, making it easy to identify the sender of scanned files. With Cloud Connect, users can easily scan-to and print-from **Microsoft OneDrive for Business, SharePoint Online, Google Drive, Box and Dropbox**. And with Sharp's new Application Portal, administrators can easily add new apps and update existing apps right from the MFP touchscreen panel.



#### *Scan and Print Files Easily from Mobile Devices*

The Essentials Series monochrome document systems also make it easy to scan and print files from tablets and smart phones using **Sharpdesk Mobile**, a free downloadable app available for most mobile devices.<sup>1</sup> These new models also support popular mobile technologies such as **Apple® Airprint®, Android™ print framework and Google Cloud Print™**.<sup>2</sup> With optional **wireless networking**, users can also print directly to the MFP from mobile devices without interfering with the corporate network!<sup>2</sup>

#### *Simplify Managing Different File Types with Intelligent Image Processing*

With the optional OCR Expansion Kit, users can easily scan and convert documents to popular file formats including Microsoft Word, PowerPoint® and Excel®, as well as Searchable PDF, Encrypted PDF and others. You can even add additional options to directly print these same file types from thumb drives, cloud applications and mobile devices. This function is enabled via Qualcomm DirectOffice technology. The available PostScript 3 Expansion Kit supports the new **Adobe Embedded Print Engine**, which direct prints PDF files from a variety of sources with greater performance and rendering accuracy.

#### *Flexible Printing Solutions Help Maximize Productivity*

Standard PCL 6 and optional Adobe PostScript 3 printing systems to help you speed through all of your output needs. Sharp's **Serverless Print Release** feature enables users to securely print a job and release it from up to six supported models on your network.<sup>1</sup> And with **Google Cloud Print**, you can send print jobs from Chromebook™ notebook computers, PCs and more from virtually anywhere.<sup>2</sup>

#### *Simplify Complex Business Workflows with Sharp OSA® technology*

**Sharp OSA technology** can help your business leverage the power of your network applications, back-end systems and cloud services.<sup>2</sup> Easily automate complex processes and help eliminate redundant tasks. Talk to your authorized Sharp dealer to see how they can help you implement a streamlined workflow solution.



<sup>1</sup> Go to [www.sharpsusa.com](http://www.sharpsusa.com) for a list of supported equipment and operating systems.

<sup>2</sup> Some features require optional equipment and/or software.

# TAKING CARE OF BUSINESS SAFELY AND SECURELY

## Manage your device, help safeguard your data, help protect your business.

To help protect employees' privacy and intellectual property, the new Monochrome Essentials Series is armed with leading-edge, **multi-layered security features**, including **Firmware Attack Prevention and Self Recovery**, which can help identify a malicious intrusion and restore the machine firmware to its original state. The new **Application Whitelisting** feature detects access attempts to the machine file system and denies access if the source data is not on the whitelist. **Authority Groups** help manage and restrict copying, printing and scanning features to safeguard data and control costs. Administrators can also apply **Active Directory® Group Policy** to the device, which offers centralized configuration and control. **Confidential Printing** helps ensure sensitive documents are kept safe by requiring users to enter a PIN code to print them. These models also support Active Directory user authentication and secure **Single Sign-On**. **Integrated ID card authentication** is also available.\* When you are ready to trade the machine in, a convenient **End-of-Lease** feature can erase all data and personal information, as well as print a confirmation report.



These scalable security offerings aim to help protect your confidential and personal information, as well as help your business meet regulatory requirements. For additional information visit: [www.sharppusa.com/security](http://www.sharppusa.com/security).

\*Some features require optional equipment and/or software.



With **Sharp Remote Device Manager (SRDM)**, administrators can take control of system features and simplify installation and management. SRDM makes it easy to view service logs, click counts, history reports and more. Event-driven service alerts help monitor the device and maximize uptime. The centrally managed **security dashboard** monitors security settings and can automatically reset the security policy if changed locally at the machine. Also, **Centralized Admin Password Management** and **Centralized Power Management** make it easy to deploy changes when needed. The **Remote Front Panel** feature enables administrators to control the machine's LCD panel from a PC to troubleshoot issues and train operators. Sharp also offers both **built-in** and additional **auditing hardware and software to control, access and track usage** of each device on the network.\* And with **My Sharp™**, you get a dedicated training website customized to your Essentials Series model to help you understand all of the features.



## ENVIRONMENTAL COMMITMENT



### **An Environmentally Responsible Approach to Product Design**

Sharp is committed to environmental sustainability and corporate responsibility including planning, design, manufacturing, distribution and product end-of-life management. The Monochrome Essentials Series adhere to Sharp's Green Products Guidelines in pursuit of these commitments. These guidelines include designing products that consume less power, using recycled materials, reducing the amount of material used in products and packaging, and labeling the type of materials used. Sharp also aims to design products that are upgradable, easy to repair and easy to take apart for recycling.

The MX-M2651/M3051/M3551/M4051 document systems are ENERGY STAR® qualified and RoHS compliant to restrict the use of hazardous substances. These products also have low TEC values. Sharp MFPs are EPEAT® registered.



### **Toner Recycling Program**

As part of our commitment to help preserve the environment, Sharp offers zero-waste-to-landfill recycling for Sharp consumables at no cost to our customers. This program includes cartridges, bottles, toner collection containers and drum units. Sharp encourages customers to recycle their used Sharp toner cartridges in bulk by providing them with a pre-paid recycling kit for their return to our facility.

### **Environmental Leadership**

As a testament to our commitment to the environment, Sharp is a multi-year winner of the ENERGY STAR annual Excellence in Energy Proficiency Product Design. Sharp is also a multi-year winner of the SmartWay® Excellence Award which recognizes companies for conserving energy and lowering greenhouse gas emissions in logistics and transportation.

For more information about Sharp's environmental leadership including information about energy efficient products, electronics or toner cartridge recycling, please visit [www.sharppusa.com/environment](http://www.sharppusa.com/environment).

# MX-M2651/M3051/M3551/M4051 SPECIFICATIONS

## Main Specifications

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>MX-M2651/M3051/M3551/M4051</b>               | Base models include multitasking controller, 100-sheet RSFP and PCL 6 printing system, network scanning, auto duplexing, 1 x 550-sheet paper drawer, 100-sheet bypass tray.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Type</b>                                     | Monochrome multi-function digital document system                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Display</b>                                  | 10.1" (diagonal) color dot matrix high-resolution touch panel tilting display. 1,024 x 600 dots (W-SVGA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Functions</b>                                | Copy, print, network print, network scan, document filing and fax <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Copy System</b>                              | Dry electrostatic transfer/Dual component developer/Magnetic brush development/OPC drums/Belt fusing/white LED exposure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Originals</b>                                | Sheets and bound documents                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Max. Original Size</b>                       | 11" x 17"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Output Size</b>                              | Min. 5½" x 8½", Max. 12" x 18"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Copy Speed</b>                               | 26/30/35/40 ppm (8½" x 11")                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Multiple Copy</b>                            | Max. 9,999 copies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>First Copy Time (In Seconds)<sup>2</sup></b> | Platen Glass: 4.5<br>RSFP: 7.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Warm Up Time</b>                             | 27 seconds (from main power switch on), 14 seconds (from [Power] button on)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Magnification</b>                            | 25% to 400% in 1% increments (with RSFP 25%-200%)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Original Feed</b>                            | 100-sheet RSFP with original size detection                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Scan Speed</b>                               | Copy: Up to 80 ipm (Mono)<br>Scan: Up to 80 ipm (Mono/Color)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Original Sizes</b>                           | 5½" x 8½", 8½" x 11", 8½" x 11" R, 8½" x 14", 11" x 17"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Paper Capacity</b>                           | Standard: 650 Sheets, Maximum: 6,300 Sheets                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Paper Feed System</b>                        | 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.<br>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).                                                                                                                                                                                                                                                                                                                                                  |
| <b>Paper Weights and Types</b>                  | Paper drawers: 18 lb. bond to 110 lb. cover.<br>Drawer 1: 20-24 lb. bond or Monarch/Com-9 envelopes.<br>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.                                                                                                                                                                                                                    |
| <b>Duplexing</b>                                | Standard automatic duplex copying and printing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>CPU</b>                                      | Up to 1.4 GHz multi-processor design                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Interface</b>                                | 10/100/1000 Base-T Ethernet, USB 2.0: 2 host ports (front & rear), opt. wireless 802.11 b/g/n                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Memory</b>                                   | Standard 5 GB copy/print (shared)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Hard Disk Drive</b>                          | 500 GB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Copy Resolution</b>                          | Scan: 600 x 600 dpi<br>Output: Up to 600 x 600 dpi                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Copy Modes</b>                               | Monochrome/Grayscale                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Exposure Control</b>                         | Modes: Automatic, Text, Text/Photo, Text/Printed-Photo, Printed-Photo, Photo, Map, Pale-Color Document.<br>Settings: Auto or 9 step manual                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Halftone</b>                                 | 256 gradations/2 levels (monochrome)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Copy Features</b>                            | 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 |
| <b>Account Control</b>                          | 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)

|                                          |                                                                                                                                                                                                              |
|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Output Tray Capacity</b>              | Center Exit Tray (Main): 250 sheets (face down)<br>Job Separator (Upper Tray): 100 sheets (face down)<br>Right Side Exit Tray: 100 sheets (face down)                                                        |
| <b>Cloud Supported Services (Option)</b> | Google Cloud Print, Google Drive, Box, OneDrive for Business, SharePoint Online, Dropbox, Office 365, Gmail                                                                                                  |
| <b>Network Protocols</b>                 | 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.                                                             |
| <b>Network and Data Security</b>         | Includes IP/MAC address filtering, protocol filtering, port control, user authentication (local/LDAP/Active Directory), TLS Encryption, Kerberos support                                                     |
| <b>Firmware Management</b>               | Flash ROM with local (USB), network update capability and firmware update 1 to N with SRDM (Sharp Remote Device Manager)                                                                                     |
| <b>Device Setup Service/Functions</b>    | Web-based management with user/admin level login<br>Remote Front Panel, remote access to service logs and click counts                                                                                       |
| <b>Accessibility Features</b>            | 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 |
| <b>Environmental Standards</b>           | International Energy Star Program Ver. 3.0, European RoHS, Blue Angel (RAL-UZ205)                                                                                                                            |
| <b>Power Source</b>                      | 110-127 V AC, 60 HZ, 15 A receptacle                                                                                                                                                                         |
| <b>Power Consumption</b>                 | 1.5 kW or less                                                                                                                                                                                               |
| <b>Weight</b>                            | Approx. 141 lbs.                                                                                                                                                                                             |
| <b>Dimensions</b>                        | Approx. 24" (w) x 26" (d) 33" (h)                                                                                                                                                                            |

## Network Printing System

|                      |                                                                                                                                                                                                         |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>PDFL</b>          | Standard PCL 6, optional Adobe PostScript 3                                                                                                                                                             |
| <b>Resolution</b>    | 600 x 600 dpi                                                                                                                                                                                           |
| <b>Print Speed</b>   | 26/30/35/40 pages per minute (8½" x 11")                                                                                                                                                                |
| <b>Print Drivers</b> | Windows® 7, Windows 8.1, Windows 10, Windows Server® 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<sup>1</sup>

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<sup>1</sup>

## Printing Protocols

LPR, IPP, IPPS, Raw TCP (port 9100), FTP, POP3, HTTP, and LPD and LPR for Unix

## Network Scanning System

|                           |                                                                                              |
|---------------------------|----------------------------------------------------------------------------------------------|
| <b>Scan Modes</b>         | Standard: Color, monochrome, grayscale                                                       |
| <b>Max. Original Size</b> | 11" x 17"                                                                                    |
| <b>Optical Resolution</b> | 600 dpi                                                                                      |
| <b>Output Modes</b>       | 600 dpi, 400 dpi, 300 dpi, 200 dpi, 150 dpi, 100 dpi                                         |
| <b>Image</b>              | Monochrome Scanning: Uncompressed, G3 (MH), G4 (MR/MMR)                                      |
| <b>Compression</b>        | Color/Grayscale: JPEG (high, middle, low)<br>Internet Fax mode: MH/MMR (option) <sup>1</sup> |

## Network Scanning System (continued)

|                                   |                                                                                                                                                                                                                                                                                                                                        |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Image Formats</b>              | Monochrome: TIFF, PDF, PDF/A-1b, Encrypted PDF, XPS<br>Optional: PDF/A-1a, Text-searchable PDF, PPTX, XLSX, DOCX, TXT, RTF<br>Color/Grayscale: TIFF, JPEG, PDF, PDF/A-1b, Encrypted PDF, XPS<br>Optional: PDF/A-1a, Compact PDF, Text-searchable PDF, PPTX, XLSX, DOCX, TXT, RTF<br>Internet Fax: TIFF-FX, TIFF-F, TIFF-S <sup>1</sup> |
| <b>Scan Destinations</b>          | Email, Desktop, FTP, Folder (SMB), USB, Internet fax (option), Super G3 fax (option)                                                                                                                                                                                                                                                   |
| <b>One-touch Destinations</b>     | Up to 2,000 (combined scan destinations)                                                                                                                                                                                                                                                                                               |
| <b>Group Destinations</b>         | Up to 500                                                                                                                                                                                                                                                                                                                              |
| <b>Programs</b>                   | 48 (combined)                                                                                                                                                                                                                                                                                                                          |
| <b>Max. Jobs</b>                  | Up to 100                                                                                                                                                                                                                                                                                                                              |
| <b>Enhanced Email Integration</b> | Standard Gmail connector, standard Exchange connector                                                                                                                                                                                                                                                                                  |
| <b>Software<sup>1</sup></b>       | Sharpdesk personal document management software, Network Scanner tool, Sharpdesk Mobile (download)                                                                                                                                                                                                                                     |

## Optional Equipment

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

## Supplies

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

<sup>1</sup> Some features require optional equipment. See your local dealer.

<sup>2</sup> May vary depending on product configuration, machine settings and operating and/or environmental conditions.



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