

# ESSENTIALS SERIES MONOCHROME DOCUMENT SYSTEMS



MX-M3050 MX-M3550 MX-M4050



"Outstanding Achievement in Innovation" Web User Interface The Sharp Essentials Series monochrome document systems deliver strong value, enhanced integration and powerful productivity.

# THE NEW BENCHMARK OF INNOVATION

The Sharp MX-M3050, MX-M3550 and MX-M4050 Essentials Series monochrome workgroup document systems offer crisp, high quality output with exceptional ease of use. These new models are designed 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 focuses on value as well as user operability and draws inspiration from the latest networking and imaging technologies available today, all to create a document system that delivers the productivity you need, with the reliable performance you want.

# **Key Features**

- Ease of Use Sharp's customizable touchscreen display offers a user-friendly graphical interface with a clean design, simplified Easy Modes and integrated operation guides.
- Integration Available Sharp OSA<sup>®</sup> modules enable easy integration with network applications and cloud services, which can unlock advanced capabilities to help you better manage your workflow.
- Productivity Standard full multifunction capability out-of-box, including copying, PCL<sup>®</sup> 6 network printing and color network scanning, combines with an easy-to-use graphical interface and a fast warm up time so users can spend less time at the MFP and more time on their business at hand.

The MX-M3050, MX-M3550 and MX-M4050 monochrome Essentials Series offer customers powerful multitasking features enabling them to quickly execute the ever-changing workflow tasks of today's busy office environments. And with Sharp's multi-layered Security Suite, these new models can help protect your data and personal information from the first day of operation to the time of trade-in.



# A flexible design plus multifunctional capability allow you to meet tomorrow's document needs today.

- Standard 100-sheet reversing single-pass document feeder scans documents at speeds up to 80 images per minute (ipm).
- Flexible paper handling system supports media up to **110 lb. cover (300 gsm)** and up to **12" x 18"** through the paper trays, allowing you to print on a wide variety of media.
- Large 10.1" (diagonally measured) customizable touchscreen display with a clean design enables easy access to features and functions when setting up jobs.



- Network-ready PCL 6 and available true Adobe<sup>®</sup> PostScript<sup>®</sup> 3<sup>™</sup> printing systems combined with available DirectOffice<sup>™</sup> technology lets you direct print PDFs, select Microsoft<sup>®</sup> Office formats and more!
- 600 x 600 dpi printing provides clear, crisp images and enhanced clarity for fine details such as small text and graphics.
- Available wireless networking feature can connect directly to your network or to mobile devices for convenient printing and scanning with the Sharpdesk<sup>®</sup> Mobile App.
- Available **Optical Character Recognition** (OCR) function can convert scanned documents to text-searchable PDF format, Microsoft Office file formats, and others.
- 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.
- Easily access popular cloud applications, including Microsoft OneDrive<sup>®</sup> for Business, SharePoint<sup>®</sup> Online and Google Drive<sup>™</sup> with Sharp's available Cloud Connect features.
- Direct print Microsoft Word, PowerPoint<sup>®</sup> and Excel<sup>®</sup> files from thumb drives, cloud applications, network folders and more with the optional Direct Print Expansion Kit, enabled via DirectOffice technology.



Provides up to six paper sources with available 550 + 2,100-sheet split tandem paper drawers and 3,000-sheet large capacity cassette.

EASY-TO-USE

# **ENHANCED INTEGRATION**

# **VERSATILE PRODUCTIVITY**



# ENHANCED FUNCTIONALITY – INTUITIVE DESIGN



Easy Copy Screen offers the most commonly used settings.

💼 🙍 🔚 Eany	HDD File retrieve		Sharp OSA		LINE PROVIER Job Status	
	No. of	copies	1		Þ	Send and Print
Original Auto	1	2	3			Quick File Store Data Temporarily
Paper Select Auto	4	5	6			File Store Data in Folder
2-Sided Copy 1-Sided→1-Sided	7	8	9			Call Eco Program
Copy Ratio		0		с		
Exposure Auto				_		
Sort/Group		-5	-	Plain 1	1	CA Preview
Staple Sort		1	1999	•	1	~
🛨 🗸 Others		2	B1X11 []			

Standard Copy Screen offers more advanced features.



Available wireless network interface for convenient scanning and printing from mobile devices.

# From paper handling to networking, the MX-M3050, MX-M3550 and MX-M4050 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. And for more advanced features, just touch the "Details" button – it's that easy.

### A "Well-connected" Device

Connecting a multifunction printer (MFP) to your wireless network and accessing it from mobile devices has never been so easy with the monochrome Essentials Series' available wireless networking features. Print from or scan to popular cloud services such as **Microsoft OneDrive** for Business, SharePoint Online, and Google Drive with Sharp's Cloud Connect features.\* Single Sign-on (SSO) support for accessing these services makes scan-to-folder and scan-to-email operations simpler than ever. Even printing from your desktop is made easier with Sharp's standard Serverless Print Release function. Easily send a job to one device, and print it on another when and where it's most convenient for you.

#### The Productivity You Need, the Reliable 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 images per minute**. 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 staple** 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.



MX-M4050 shown with compact inner finisher.



*MX-M4050 shown with 3K saddle stitch finisher and large capacity cassette.*  The MX-M3050/M3550/M4050 Essentials Series monochrome document systems provide high-performance functionality adaptable to your business needs.

# innovative features

Reversing Single Pass Feeder (RSPF) Standard 100-sheet reversing document feeder scans up to 80 ipm. Advanced Network Scanning Sharp's ImageSEND<sup>™</sup> feature provides one-touch distribution to email, network folders, cloud applications and more. Easy-to-Use Smart Touchscreen Tablet-style menu provides quick access to features and functions.

## **High Quality Printing**

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

Manual bypass tray feeds envelopes,

OHP film, glossy paper, as well as

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. On-board Document Storage Sharp's easy-to-use Document Filing System enables users to

store frequently used files.

**100-sheet Bypass Tray** 

paper up to 300 gsm.

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Enhanced Security Features 256-bit data encryption with up to 10-times data overwrite, as well as Sharp's convenient End-of-Lease feature.

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. 550-sheet capacity makes it easy to reload a full ream of paper. A high capacity split tandem drawer is also available.

#### Large Capacity Cassette\*

Large capacity cassette option adds an additional 3,000 sheets of paper for a total on-line capacity of up to 6,300 sheets.



# ENHANCED COLLABORATION FOR STREAMLINED WORKFLOWS



Direct print to popular file formats seamlessly with Sharp's available Direct Print Expansion Kit.<sup>1</sup>



Distribute, access and print documents more easily.



With Serverless Print Release you can securely print a job and release it from up to six Essentials Series models (including host).

# Powerful document workflow solutions help you work more efficiently.

### Simplify Printing Your Files with Direct Printing

With the available Direct Print Expansion Kit, you can print popular file formats including **Microsoft Word, PowerPoint** and **Excel**, as well as a variety of PDF formats from thumb drives, cloud applications and mobile devices.<sup>1</sup> This function is enabled via **DirectOffice** technology. With this much flexibility, you can speed through your workflow tasks faster than ever!

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

Sharp makes it easy to send documents to the destinations you need, and goes beyond traditional network scanning with optional **Email Connect** and **Cloud Connect** features. With Email Connect, scan to email is seamlessly integrated with Microsoft Exchange and Gmail<sup>™</sup>. With Cloud Connect, you can easily scan to and print from **Microsoft OneDrive for Business, SharePoint Online** and **Google Drive** without additional middleware. Sharp also makes it easy to **collaborate and share documents** with available **Cloud Portal Office** document storage and sharing service. Capture, index and archive your documents easily and securely.

#### 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 common mobile devices.<sup>2</sup> The monochrome Essentials Series also supports popular mobile technologies such as **AirPrint®**, **Android™ print framework** and **Google Cloud Print™** with the optional Adobe PostScript 3 Expansion Kit. You can print locally from your device or download files from supported cloud applications. Since the monochrome Essentials Series can connect to mobile devices through a **point-to-point wireless connection**, it remains exclusive from your corporate network.<sup>1</sup>

#### Flexible Printing Solutions Help Speed Up Your Office Productivity

The monochrome Essentials Series offer standard **PCL 6** and optional **Adobe PostScript 3** printing systems to help you speed through all of your output needs with accuracy. To help streamline your jobs, these powerful performers include **Serverless Print Release**, enabling you to securely print a job and release it from up to six Essentials Series models (including host) on your network. And with Google Cloud Print web printing service, you can print from Chromebook<sup>™</sup> notebook computers, PCs and more from virtually anywhere.

#### Simplify Complex Business Workflows

**Sharp OSA technology** can help your business leverage the power of your network applications, back-end systems and cloud services.<sup>1</sup> Easily automate complex processes and help eliminate

redundant tasks. Create your own custom integrations or take advantage of the growing portfolio of Sharp OSA applications available from Sharp Partner Program members.



<sup>1</sup> Some features require optional equipment and/or software/services.

<sup>2</sup> Go to www.sharpusa.com for a list of supported devices and operating systems.

# TAKING CARE OF BUSINESS SAFELY AND SECURELY

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

Businesses require that the devices on their networks are properly managed and closely monitored to ensure their data remains uncompromised. To help achieve this, the MX-M3050/M3550/M4050 Essentials Series offer powerful device management utilities, web-based customer training and advanced, multi-layered security features.

With the 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. Its event-driven service alerts help you monitor the device and maximize uptime. The Remote Front Panel feature allows administrators to view and control the machine's LCD panel from a PC to troubleshoot issues and train operators remotely. 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 model and configuration to help you understand and utilize all of the advanced features of your SHARP

Sharp product, including those for security.



To help protect employees' privacy and intellectual property, the monochrome Essentials Series is armed with a variety of security measures, including features such as data encryption, data overwrite protection and data erase. Multiple security protocols help restrict access to the device while in operation, and a convenient End-of-Lease feature overwrites all data at time of trade-in. Authority Groups help manage and restrict specific copying, printing, scanning and fax features to safeguard data and control costs. The Admin Audit Log feature allows IT administrators to track activity on the device. Confidential Printing and Secure Fax Release help ensure that sensitive documents are kept safe by requiring users to enter a PIN

code in order to print them. For advanced security, these models support Active Directory user authentication and secure single sign-on to network folders and emails. For an optimized workflow experience, ID card authentication is also available.\*



SmartWav nsport Partner

These scalable security offerings aim to help protect your intellectual property, preserve confidential information and help your business meet regulatory requirements including the Health Insurance Portability and Accountability Act (HIPAA) and the Family Educational Rights and Privacy Act (FERPA). For additional information visit: www.sharpusa.com/security.

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



# **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 endof-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-M3050/M3550/M4050 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 Recvcling Program**

As part of our commitment to helping preserve the environment, Sharp offers our customers zero-waste-to-landfill recycling for Sharp consumables, including cartridges, bottles, toner collection containers and drum units. Sharp encourages customers to recycle their used Sharp toner cartridges in bulk by providing 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<sup>®</sup> 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.sharpusa.com/environment.

Main Specification	Is / Base models include multitasking controller, 100-sheet RSPF	Main Specification	ts (continued) TCP/IP (IPv4, IPv6, IPsec), HTTP/HTTPS, IPP/IPP-SSL,
M4050	and PCL 6 printing systems, network scanning, auto duplexing 1 x 550-sheet paper drawer, 100-sheet bypass tray.		FTP/FTPS, SNMPv3, SMTP/SMTP-SSL, POP3/POP3-SSL, LDAP/LDAP-SSL, 802.1x for Windows and Unix.
Туре	Multi-function digital document system	Network and	Includes IP/MAC address filtering, protocol filtering, port
Display	10.1" (diagonally measured) color dot matrix high-resolution touch panel tilting display. 1024 x 600 dots (W-SVGA)	Data Security	control, TLS Encryption, Kerberos support, Active Directory integration, data encryption, End-of-Lease, data overwrite
Functions	Copy, print, network print, network scan, document filing and fax		(up to 10x), DoD 5220.22-M
Copy System	Dry electrostatic transfer/Dual component developer/Magnetic brush development/OPC drums/Belt fusing/white LED exposure	Firmware Management	Flash ROM with local (USB), network update capability and firmware update 1 to N with SRDM (Sharp Remote
Originals Max. Original Size	Sheets and bound documents 11" x 17"	Device Setup	Device Manager) Web-based management/cloning with user/administrator
Output Size	Min. 5½" x 8½", Max. 12" x 18"	Device Setup	level login
Copy Speed	30/35/40 ppm (8½" x 11")	Service/Functions	Remote Front Panel, remote access to service logs and
Multiple Copy	Max. 9,999 copies		click counts
First Copy Time	MX-M3050 MX-M3550 MX-M4050	Accessibility	Free stop tilting front panel, adjustment of key touch sound
(in Seconds) <sup>2</sup>	Platen Glass 4.5 4.5 4.5   RSPF 7.4 7.4 7.4	Features	and speed, concave key, document feeder free stop, job programs, remote front panel, universal grip for paper trays
Warm Up Time	27 seconds (from main switch on), 14 seconds (from power button on)	Environmental	and disable screen timeout International Energy Star Program Ver. 2.0, European RoHS,
Magnification	25% to 400% in 1% increments (with RSPF 25%-200%)	Standards	Blue Angel (RAL-UZ171)
Original Feed	100-sheet RSPF with original size detection.	Power Source	110-127 V AC, 60 HZ, 20 A Receptacle
Scan Speed	Copy: Up to 80 ipm (B&W)/53 ipm (Color)	Power	1.44 kW or less
	Scan: Up to 80 ipm (B&W/Color)	Consumption	
Original Sizes	5½" x 8½", 8½" x 11", 8½" x 11" R, 8½" x 14", 11" x 17"	Weight	Approx. 141 lbs.
Paper Capacity	Standard: 650 Sheets/Maximum: 6,300 Sheets	Dimensions	Approx. 24" (w) x 26" (d) 33" (h)
Paper Feed System	Standard: (1) 550-sheet paper drawer (letter/legal/ledger/ statement size) and 100-sheet bypass tray (letter/legal/ledger,	Network Printing S	System
	statement/envelope size). Optional: Single, double, or triple	PDL	Standard PCL <sup>®</sup> 6 compatible, Adobe PostScript 3
	drawer paper deck (550, 1,100, or 1,650 sheets), split tanden		600 x 600 dpi
	paper drawer (2,100 sheets letter only) plus (1) 550-sheet	Print Speed	30/35/40 ppm (8½" x 11")
Paper Weights	paper drawer (letter/legal/ledger/statement size). Paper drawers: 16 lb. bond to 110 lb. cover.	Print Drivers	Windows 7, Windows 8.1, Windows 10, Windows Server <sup>®</sup> 2008, Windows Server 2008 R2, Windows Server 2012,
and Types	Split tandem drawers: 16 lb. bond to 28 lb. bond.		Windows Server 2012 R2, Windows Server 2016, Windows
unu rypoo	Other paper types include plain, pre-printed, recycled,		PPD, MAC OS X <sup>®</sup> (including 10.6 to 10.12), all MAC PPD,
	pre-punched, letterhead and color paper.		Linux® PPD
	Bypass tray: 16-28 lb. bond (plain paper), 13-16 lb. bond	Mobile Printing	AirPrint <sup>®</sup> , Android <sup>™</sup> printing framework (Sharp Print Service
	(thin paper), 28 lb. bond-110 lb. cover (heavy paper), 20-24		Plugin), Sharpdesk <sup>®</sup> Mobile <sup>3</sup>
	lb. bond (Monarch/Com-10 envelope), tab paper (letter). Also	Print Features	Auto configuration, serverless print release, bar code font
	label paper, gloss paper, pre-printed, recycled, pre-punched, letterhead, color paper and OHP film.		printing, carbon copy print, chapter inserts, confidential print, continuous printing, custom image registration, different cove
Duplexing	Standard automatic duplex copying and printing	-	page/last page/other page, document control, document
CPU	Up to 1.4 GHz multi-processor design	-	filing, duplex printing, electronic sorting, folding, form overla
Interface	10/100/1000 Base-T Ethernet, USB 2.0: 2 host ports (front and	l	hidden pattern print, image rotation, image stamp, image
	rear), 1 available device port (rear), wireless 802.11 b/g/n		type, job bypass print, job retention, layout print, margin shif
Memory	Standard 5 GB copy/print (shared)/Hard Disk Drive: 500 GB	-	multiple pamphlet, network tandem print, N-up printing, offse
Hard Disk Drive	500 GB	-	stacking, page interleave, pamphlet style, poster print, proof
Copy Resolution	Scan: Up to 600 x 600 dpi Output: Up to 600 x 600 dpi		print, print and send, punching, stapling, tab paper print, tab printing, toner save mode, transparency inserts, tray
Copy Modes	Monochrome/Grayscale	-	status, user authentication, watermarks, zoom print
Exposure Control	Modes: Automatic, Text, Text/Photo, Text/Printed-Photo,	Resident Fonts	80 outline fonts (PCL), 139 fonts (PS)
	Printed-Photo, Photo, Map, Pale-Color Document	Interface	RJ-45 Ethernet 10/100/1000 Base-T, USB 2.0, Wireless
	Settings: Auto or 9 step manual	Operating Systems	Windows <sup>®</sup> 7, Windows 8.1, Windows 10, Windows Server <sup>®</sup>
Halftone	256 gradations/2 levels (monochrome)	and Environments	
Copy Features	Scan-Once Print-Many, electronic sorting, offset-stacking,		Windows Server 2012 R2, Windows Server 2016, Mac OS X
	Auto Paper Selection (APS), Auto Magnification Selection (AMS), Auto Tray Switching (ATS), black-white reversal, blank		10.6-10.12, UNIX <sup>®</sup> , Linux, Citrix <sup>®</sup> (XenApp 5.0-7.6), Windows Remote Desktop Services, SAP device types <sup>1</sup>
	page skip, book copy, book divide, card shot, center erase,	Printing Protocols	LPR, IPP, IPPS, PAP, Raw TCP (port 9100), FTP, POP3, HTTP,
	centering, cover pages, dual page copy, edge erase, image	Trinting Trotooolo	LPD and LPR for Unix
	edit, image preview, insert pages, job build, job programs,		
	margin shift, mirror image, mixed size original, multi-page	Network Scanning	System
	enlargement, original count, pamphlet style, proof copy,	Scan Modes	Standard: Color, monochrome, grayscale
	repeat layout, reserve copy, rotated copy, stamp, stamp	Max. Original Size	11" x 17"
	custom image, suppress background, tab copy, tab-paper insertion, tandem copy, toner save mode, transparency	Optical Resolution Output Modes	600 dpi 600 dpi, 400 dpi, 300 dpi, 200 dpi, 150 dpi, 100 dpi
	insertion, tandem copy, toner save mode, transparency inserts, watermark, 2-in-1 / 4-in-1 / 8-in-1 multi shot	Image	Monochrome Scanning: Uncompressed, G3 (MH), G4 (MR/MMF
	Up to 1,000 users. Supports user authentication via local,	Compression	Color/Grayscale: JPEG (high, middle, low)
Account Control	LDAP, and Active Directory <sup>®</sup> for copy, print, scan and		Internet Fax mode: MH/MMR (option) <sup>1</sup>
Account Control		Income Francisco	Monochrome: TIFF, PDF, PDF/A, Encrypted PDF, and XPS
	document management.	Image Formats	
Output Tray	document management. Center Exit Tray (Main): 250 sheets (face down)	Image Formats	Color/Grayscale: TIFF, JPEG, PDF, PDF/A, Compact PDF,
	document management. Center Exit Tray (Main): 250 sheets (face down) Job Separator (Upper Tray): 100 sheets (face down)	Image Formats	Color/Grayscale: TIFF, JPEG, PDF, PDF/A, Compact PDF, Encrypted PDF and XPS.
Output Tray	document management. Center Exit Tray (Main): 250 sheets (face down)	Scan Destinations	Color/Grayscale: TIFF, JPEG, PDF, PDF/A, Compact PDF,

Main Specification 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	Includes IP/MAC address filtering, protocol filtering, port
Data Security	control, TLS Encryption, Kerberos support, Active Directory
,	integration, data encryption, End-of-Lease, data overwrite
	(up to 10x), DoD 5220.22-M
Firmware	Flash ROM with local (USB), network update capability
Management	and firmware update 1 to N with SRDM (Sharp Remote
	Device Manager)
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	Free stop tilting front panel, adjustment of key touch sound
Features	and speed, concave key, document feeder free stop, job
	programs, remote front panel, universal grip for paper trays
	and disable screen timeout
Environmental	International Energy Star Program Ver. 2.0, European RoHS,
Standards	Blue Angel (RAL-UZ171)
Power Source	110-127 V AC, 60 HZ, 20 A Receptacle
Power	1.44 kW or less
Consumption	
Weight	Approx. 141 lbs.
Dimensions	Approx. 24" (w) x 26" (d) 33" (h)
Network Printing S	
PDL	Standard PCL® 6 compatible, Adobe PostScript 3
Resolution	600 x 600 dpi
Print Speed	30/35/40 ppm (8½" x 11")
Print Drivers	Windows 7, Windows 8.1, Windows 10, Windows Server®
	2008, Windows Server 2008 R2, Windows Server 2012,
	Windows Server 2012 R2, Windows Server 2016, Windows
	PPD, MAC OS X <sup>®</sup> (including 10.6 to 10.12), all MAC PPD,
Mehile Drinting	Linux® PPD
Mobile Printing	AirPrint <sup>®</sup> , Android <sup>™</sup> printing framework (Sharp Print Service
Print Features	Plugin), Sharpdesk® Mobile <sup>3</sup>
Fillit Features	Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, confidential print,
	continuous printing, custom image registration, different cove
	page/last page/other page, document control, document
	filing, duplex printing, electronic sorting, folding, form overlay
	hidden pattern print, image rotation, image stamp, image
	type, job bypass print, job retention, layout print, margin shift
	multiple pamphlet, network tandem print, N-up printing, offse
	stacking, page interleave, pamphlet style, poster print, proof
	print, print and send, punching, stapling, tab paper print,
	tab printing, toner save mode, transparency inserts, tray
	status, user authentication, watermarks, zoom print
Resident Fonts	80 outline fonts (PCL), 139 fonts (PS)
Interface	RJ-45 Ethernet 10/100/1000 Base-T, USB 2.0, Wireless
Operating Systems	
and Environments	2008, Windows Server 2008 R2, Windows Server 2012,
	Windows Server 2012 R2, Windows Server 2016, Mac OS X
	10.6-10.12, UNIX <sup>®</sup> , Linux, Citrix <sup>®</sup> (XenApp 5.0-7.6), Windows
	Remote Desktop Services, SAP device types <sup>1</sup>
Printing Protocols	LPR, IPP, IPPS, PAP, Raw TCP (port 9100), FTP, POP3, HTTP,
<b>J</b>	LPD and LPR for Unix
Network Scanning	System
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	Monochrome Scanning: Uncompressed, G3 (MH), G4 (MR/MMR
-	Color/Grayscale: JPEG (high, middle, low)
Compression	
Compression	Internet Fax mode: MH/MMR (option)1
	Internet Fax mode: MH/MMR (option) <sup>1</sup> Monochrome: TIFF, PDF, PDF/A, Encrypted PDF, and XPS
Compression Image Formats	Monochrome: TIFF, PDF, PDF/A, Encrypted PDF, and XPS

One-touch	Up to 2,000 (combined scan destinations)		
Destinations			
Group Destinations	Up to 500		
Programs	48 (combined)		
Max. Jobs	Up to 100		
Enhanced Email Integration	Standard Gmail connector, standard Exchange connector		
Scanning Protocols	HTTP/HTTPS, FTP/FTPS, SMTP/SMTP-SSL/ESMTP, SMB, POP3, LDAP, S/MIME		
Software	Sharpdesk desktop personal document management softw (1 user license included), Sharpdesk Mobile (download)		
Direct Printing Sys	tem		
File Types	TIFF, JPEG, PCL, PRN, TXT, PNG, DOCX, XLSX, and PPTX		
	Optional: PDF, Compact PDF, Encrypted PDF, and PostScript		
Methods	FTP, SMB, Web page, Email and USB memory		
Optional Equipmen	t		
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		
MX-LT10	(letter, requires MX-DE25N/26N/27N/28N)		
MX-ETTO MX-FN27N	Long Paper Feeding Tray 50-sheet Staple Inner Finisher		
MX-FN28	1K Stacking 50-sheet Staple Finisher		
MX-FN20 MX-FN29	· · ·		
MX-FN29 MX-FN30	1K Stacking 50-sheet Staple/Saddle Stitch Finisher		
MX-FN30 MX-FN31	3K Stacking 65-sheet Staple Finisher 3K Stacking 65-sheet Staple/Saddle Stitch Finisher		
MX-RB25N	Paper Pass Unit (required for MX-FN28/29/30/31)		
MX-RB25N 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/28/29		
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-3012 MX-TR19N	Right Side Exit Tray		
MX-TR20	Job Separator Tray		
MX-TU16	Center Exit Tray		
MX-UT10	Utility Table		
MX-EB18	Wireless LAN Adapter		
MX-EB19L	Compact PDF Kit <sup>4</sup>		
MX-EB20L	OCR Expansion Kit <sup>4</sup>		
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-FR56U	Commercial Data Security Kit <sup>4</sup>		
DVENDFS	Generic Vendor Interface Kit		

Supplies	
MX-561NT	Toner Cartridge
MX-561NV	Developer
MX-560DR	Drum
MX-609HB	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.

<sup>3</sup> Go to www.sharpusa.com for a list of supported devices and operating systems. <sup>4</sup> Not available at time of launch.









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