

# **ESSENTIALS SERIES COLOR DOCUMENT SYSTEMS**



The Sharp Essentials Series color document systems deliver strong value, enhanced integration and powerful productivity.

# THE NEW BENCHMARK OF INNOVATION

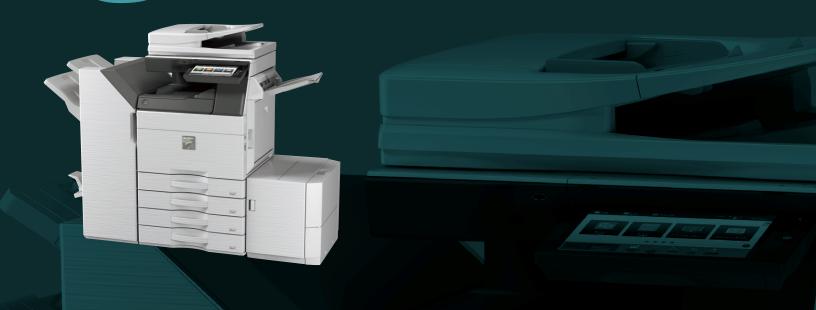
The Sharp MX-5050V and MX-6050V Essentials Series color workgroup document systems offer stunning color output with exceptional ease of use. These new models are designed to provide customers with a seamless, intuitive experience, and the confidence in knowing their jobs will come out right the first time, every time. The new color 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 15-second
  warm up time to offer strong value.

The MX-5050V and MX-6050V color 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 industry-leading security features, you can rest assured that your intellectual property is protected from the first day of operation to the time of trade-in.



# DESIGNED TO DELIVER PERFORMANCE AND PRODUCTIVITY



#### EASE OF USE

## **ENHANCED INTEGRATION**

# **VERSATILE PRODUCTIVITY**

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

- 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!
- 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.
- Large 10.1" (diagonally measured) **customizable touchscreen display** with a clean design enables easy access to features and functions when setting up jobs.



- Easily access popular cloud applications, including Microsoft OneDrive<sup>®</sup> for Business, SharePoint<sup>®</sup> Online, Box.com and Google Drive<sup>™</sup> with Sharp's available Cloud Connect features.
- Pantone Licensing on these models offers unprecedented levels of color fidelity to the PANTONE MATCHING SYSTEM<sup>®</sup>.
- Cloud Portal Office, an available content management software service from Sharp for storing and sharing scanned documents and other electronic files, helps keep your whole team connected in the office and on the go.
- Standard 100-sheet reversing single-pass document feeder scans documents at speeds up to 80 images per minute (ipm).
- Sharp's Color Consistency System with next generation image process control delivers high
  quality color output and maintains optimum color balance and toner density page after page.
- 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.
- 1200 x 1200 dpi printing provides clear, crisp images and enhanced clarity for fine details such as small text and graphics.



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



# ENHANCED FUNCTIONALITY - INTUITIVE DESIGN



Easy Copy Screen offers the most commonly used settings.



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-5050V and MX-6050V color Essentials Series will exceed your expectations.

#### Simple and Intuitive Operation

From the most basic of copy functions, to the most complex scan jobs, the color 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 color Essentials Series' available wireless networking features. Print from or scan to popular cloud services such as Microsoft OneDrive for Business, SharePoint Online, Box.com 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 Performance You Want

When it's time to get the job done, the Essentials Series color 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.



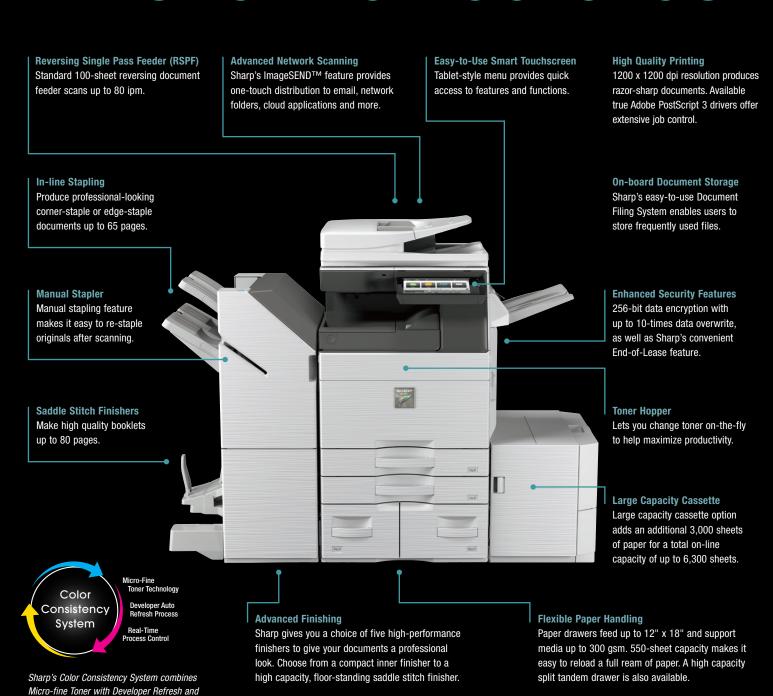


MX-6050V shown with 3K saddle stitch finisher and large capacity cassette.

<sup>\*</sup>Some features require optional equipment.

The MX-5050V/6050V Essentials Series color document systems provide high-performance functionality adaptable to your business needs.

# innovative features



advanced Image Process Control. These processes help ensure color output is always

at peak performance.



# 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 technology you can securely print a job and release it from any of six color Essentials Series models.

# 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. 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

Capture, index and archive your documents easily and securely.

Sharp makes it easy to send documents to the destinations you need, and goes beyond traditional network scanning with **Email Connect** and **Cloud Connect** features.¹ With Email Connect, scan to email is seamlessly integrated with Microsoft Exchange and Gmail<sup>TM</sup>. With Cloud Connect, you can easily scan to and print from **Microsoft OneDrive for Business**, **SharePoint Online**, **Box.com** 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.

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

The Essentials Series color 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 color Essentials Series also supports popular mobile technologies such as **AirPrint®**, **Mopria<sup>TM</sup>**, **Android<sup>TM</sup>** printing framework and **Google Cloud Print<sup>TM</sup>** with the available Adobe PostScript 3 Expansion Kit. You can print locally from your device or download files from supported cloud applications. Since the color Essentials Series can connect to mobile devices through a **point-to-point wireless connection**, there is no interference with your corporate network.<sup>1</sup>

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

The color Essentials Series offer standard **PCL 6** and optional **true 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** technology, enabling you to securely print a job and release it from up to six color Essentials Series models 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.¹ 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>&</sup>lt;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-5050V/6050V 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<sup>TM</sup>**, 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**.



To help protect employees' privacy and intellectual property, the color 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.\*

These scalable security offerings aim to **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: <a href="https://www.sharpusa.com/security">www.sharpusa.com/security</a>.

\*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 end-of-life management. Sharp adheres to 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-5050V/6050V document systems are ENERGY STAR<sup>®</sup> qualified and RoHS compliant to restrict the use of hazardous substances. These products also have the lowest TEC value among competitive models, at time of this printing. Sharp MFPs are EPEAT<sup>®</sup> registered.

#### Toner Recycling 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 <a href="https://www.sharpusa.com/environment">www.sharpusa.com/environment</a>.

# MX-5050V/6050V SPECIFICATIONS

MX-5050V/6050V	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
	Black and color developer is included.
Туре	Color multi-function digital document system
Display	10.1" (diagonally measured) color dot matrix high-resolution
F	touch panel tilting display. 1024 x 600 dots (W-SVGA)
Functions	Copy, print, network print, network scan, document filing and fax
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"
Copy Size	Min. 5½" x 8½", Max. 12" x 18"
Copy Speed	50/60 ppm B&W/Color (8½" x 11")
Multiple Copy	Max. 9,999 copies
First Copy Time	MX-5050V MX-6050V
(In Seconds) <sup>2</sup>	Platen Glass Mono 3.7 Mono 3.7
,	Color 4.8 Color 4.8
	RSPF Mono 6.1 Mono 6.1
	Color 7.5 Color 7.5
Warm Up Time	15 seconds or less
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 (B&W)/41 ipm (Color)
	Scan: Up to 80 ipm (B&W/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	Standard: (1) 550-sheet paper drawer (letter/legal/ledger/
System	statement size) and 100-sheet bypass tray (letter/legal/ledger
	statement/envelope size). Optional: Single, double, or triple
	drawer paper deck (550, 1,100, or 1,650 sheets), split tanden
	paper drawer (2,100 sheets letter only) plus (1) 550-sheet
	paper drawer (letter/legal/ledger/statement size).
Paper Weights	Paper drawers: 18 lb. bond to 110 lb. cover.
and Types	Split Tandem Tray: 18 lb. bond to 28 lb. bond.
	Other paper types include 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), 20-24
	lb. bond (Monarch/Com-10 envelope), tab paper (letter). Also
	lb. bond (Monarch/Com-10 envelope), tab paper (letter). Also label paper, gloss paper, pre-printed, recycled, pre-punched,
	lb. bond (Monarch/Com-10 envelope), tab paper (letter). Also label paper, gloss paper, pre-printed, recycled, pre-punched, letterhead, color paper and OHP film.
	lb. bond (Monarch/Com-10 envelope), tab paper (letter). Also label paper, gloss paper, pre-printed, recycled, pre-punched, letterhead, color paper and OHP film.  Standard automatic duplex copying and printing
Duplexing CPU	lb. bond (Monarch/Com-10 envelope), tab paper (letter). Also label paper, gloss paper, pre-printed, recycled, pre-punched, letterhead, color paper and OHP film.  Standard automatic duplex copying and printing Up to 1.75 GHz multi-processor design
CPU	lb. bond (Monarch/Com-10 envelope), tab paper (letter). Also label paper, gloss paper, pre-printed, recycled, pre-punched, letterhead, color paper and OHP film.  Standard automatic duplex copying and printing Up to 1.75 GHz multi-processor design  10/100/1000 Base-T Ethernet, USB 2.0: 2 host ports (front
CPU	lb. bond (Monarch/Com-10 envelope), tab paper (letter). Also label paper, gloss paper, pre-printed, recycled, pre-punched, letterhead, color paper and OHP film.  Standard automatic duplex copying and printing Up to 1.75 GHz multi-processor design  10/100/1000 Base-T Ethernet, USB 2.0: 2 host ports (front and rear), 1 available device port (rear), opt. wireless 802.11
CPU Interface	lb. bond (Monarch/Com-10 envelope), tab paper (letter). Also label paper, gloss paper, pre-printed, recycled, pre-punched, letterhead, color paper and OHP film.  Standard automatic duplex copying and printing Up to 1.75 GHz multi-processor design 10/100/1000 Base-T Ethernet, USB 2.0: 2 host ports (front and rear), 1 available device port (rear), opt. wireless 802.11 a/b/g/n
CPU Interface Memory	lb. bond (Monarch/Com-10 envelope), tab paper (letter). Also label paper, gloss paper, pre-printed, recycled, pre-punched, letterhead, color paper and OHP film.  Standard automatic duplex copying and printing Up to 1.75 GHz multi-processor design 10/100/1000 Base-T Ethernet, USB 2.0: 2 host ports (front and rear), 1 available device port (rear), opt. wireless 802.11 a/b/g/n Standard 5 GB copy/print (shared)/Hard Disk Drive: 250 GB
CPU Interface Memory Hard Disk Drive	lb. bond (Monarch/Com-10 envelope), tab paper (letter). Also label paper, gloss paper, pre-printed, recycled, pre-punched, letterhead, color paper and OHP film.  Standard automatic duplex copying and printing Up to 1.75 GHz multi-processor design 10/100/1000 Base-T Ethernet, USB 2.0: 2 host ports (front and rear), 1 available device port (rear), opt. wireless 802.11 a/b/g/n Standard 5 GB copy/print (shared)/Hard Disk Drive: 250 GB
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CPU Interface  Memory Hard Disk Drive Copy Resolution	lb. bond (Monarch/Com-10 envelope), tab paper (letter). Also label paper, gloss paper, pre-printed, recycled, pre-punched, letterhead, color paper and OHP film.  Standard automatic duplex copying and printing Up to 1.75 GHz multi-processor design 10/100/1000 Base-T Ethernet, USB 2.0: 2 host ports (front and rear), 1 available device port (rear), opt. wireless 802.11 a/b/g/n Standard 5 GB copy/print (shared)/Hard Disk Drive: 250 GB 250 GB Scan: Up to 600 x 600 dpi (B&W/Color) Output: Up to 1200 x 1200 dpi (B&W), up to 600 x 600 dpi (Color
CPU Interface  Memory Hard Disk Drive Copy Resolution Color Modes	lb. bond (Monarch/Com-10 envelope), tab paper (letter). Also label paper, gloss paper, pre-printed, recycled, pre-punched, letterhead, color paper and OHP film.  Standard automatic duplex copying and printing Up to 1.75 GHz multi-processor design 10/100/1000 Base-T Ethernet, USB 2.0: 2 host ports (front and rear), 1 available device port (rear), opt. wireless 802.11 a/b/g/n Standard 5 GB copy/print (shared)/Hard Disk Drive: 250 GB 250 GB Scan: Up to 600 x 600 dpi (B&W/Color) Output: Up to 1200 x 1200 dpi (B&W), up to 600 x 600 dpi (Color Auto Color Selection (ACS), Full Color Mode, Monochrome (BW)
CPU Interface  Memory Hard Disk Drive Copy Resolution Color Modes	lb. bond (Monarch/Com-10 envelope), tab paper (letter). Also label paper, gloss paper, pre-printed, recycled, pre-punched, letterhead, color paper and OHP film.  Standard automatic duplex copying and printing Up to 1.75 GHz multi-processor design 10/100/1000 Base-T Ethernet, USB 2.0: 2 host ports (front and rear), 1 available device port (rear), opt. wireless 802.11 a/b/g/n Standard 5 GB copy/print (shared)/Hard Disk Drive: 250 GB 250 GB Scan: Up to 600 x 600 dpi (B&W/Color) Output: Up to 1200 x 1200 dig B&W), up to 600 x 600 dpi (Color Auto Color Selection (ACS), Full Color Mode, Monochrome (B/W), Modes: Automatic, Text, Text/Photo, Text/Printed-Photo,
CPU Interface  Memory Hard Disk Drive Copy Resolution Color Modes	lb. bond (Monarch/Com-10 envelope), tab paper (letter). Also label paper, gloss paper, pre-printed, recycled, pre-punched, letterhead, color paper and OHP film.  Standard automatic duplex copying and printing Up to 1.75 GHz multi-processor design 10/100/1000 Base-T Ethernet, USB 2.0: 2 host ports (front and rear), 1 available device port (rear), opt. wireless 802.11 a/b/g/n Standard 5 GB copy/print (shared)/Hard Disk Drive: 250 GB 250 GB Scan: Up to 600 x 600 dpi (B&W/Color) Output: Up to 1200 x 1200 dpi (B&W), up to 600 x 600 dpi (Color Auto Color Selection (ACS), Full Color Mode, Monochrome (BW) Modes: Automatic, Text, Text/Prohot, Text/Printed-Photo, Printed-Photo, Photo, Map, Pale-Color Document.
CPU Interface  Memory Hard Disk Drive Copy Resolution Color Modes Exposure Control	lb. bond (Monarch/Com-10 envelope), tab paper (letter). Also label paper, gloss paper, pre-printed, recycled, pre-punched, letterhead, color paper and OHP film.  Standard automatic duplex copying and printing Up to 1.75 GHz multi-processor design 10/100/1000 Base-T Ethernet, USB 2.0: 2 host ports (front and rear), 1 available device port (rear), opt. wireless 802.11 a/b/g/n Standard 5 GB copy/print (shared)/Hard Disk Drive: 250 GB 250 GB Scan: Up to 600 x 600 dpi (B&W/Color) Output: Up to 1200 x 1200 dpi (B&W), up to 600 x 600 dpi (Color Auto Color Selection (ACS), Full Color Mode, Monochrome (B/W) Modes: Automatic, Text, Text/Phot, Text/Printed-Photo, Printed-Photo, Photo, Map, Pale-Color Document.
CPU Interface  Memory Hard Disk Drive Copy Resolution Color Modes Exposure Control Halftone	lb. bond (Monarch/Com-10 envelope), tab paper (letter). Also label paper, gloss paper, pre-printed, recycled, pre-punched, letterhead, color paper and OHP film.  Standard automatic duplex copying and printing Up to 1.75 GHz multi-processor design 10/100/1000 Base-T Ethernet, USB 2.0: 2 host ports (front and rear), 1 available device port (rear), opt. wireless 802.11 a/b/g/n Standard 5 GB copy/print (shared)/Hard Disk Drive: 250 GB 250 GB Scan: Up to 600 x 600 dpi (B&W/Color) Output: Up to 1200 x 1200 dpi (B&W), up to 600 x 600 dpi (Color Auto Color Selection (ACS), Full Color Mode, Monochrome (B/W) Modes: Automatic, Text, Text/Photo, Text/Printed-Photo, Printed-Photo, Photo, Map, Pale-Color Document. Settings: Auto or 9 step manual 256 gradations/2 levels (monochrome)
CPU Interface  Memory Hard Disk Drive Copy Resolution Color Modes Exposure Control Halftone	lb. bond (Monarch/Com-10 envelope), tab paper (letter). Also label paper, gloss paper, pre-printed, recycled, pre-punched, letterhead, color paper and OHP film.  Standard automatic duplex copying and printing Up to 1.75 GHz multi-processor design 10/100/1000 Base-T Ethernet, USB 2.0: 2 host ports (front and rear), 1 available device port (rear), opt. wireless 802.11 a/b/g/n Standard 5 GB copy/print (shared)/Hard Disk Drive: 250 GB 250 GB Scan: Up to 600 x 600 dpi (B&W/Color) Output: Up to 1200 x 1200 dpi (B&W), up to 600 x 600 dpi (Color Auto Color Selection (ACS), Full Color Mode, Monochrome (B/W) Modes: Automatic, Text, Text/Photo, Text/Printed-Photo, Printed-Photo, Photo, Map, Pale-Color Document. Settings: Auto or 9 step manual 256 gradations/2 levels (monochrome) Scan-Once Print-Many, electronic sorting, offset-stacking,
CPU Interface  Memory Hard Disk Drive Copy Resolution Color Modes Exposure Control Halftone	lb. bond (Monarch/Com-10 envelope), tab paper (letter). Also label paper, gloss paper, pre-printed, recycled, pre-punched, letterhead, color paper and OHP film.  Standard automatic duplex copying and printing Up to 1.75 GHz multi-processor design 10/100/1000 Base-T Ethernet, USB 2.0: 2 host ports (front and rear), 1 available device port (rear), opt. wireless 802.11 a/b/g/n Standard 5 GB copy/print (shared)/Hard Disk Drive: 250 GB 250 GB Scan: Up to 600 x 600 dpi (B&W/Color) Output: Up to 1200 x 1200 dpi (B&W), up to 600 x 600 dpi (Color Auto Color Selection (ACS), Full Color Mode, Monochrome (B/W) Modes: Automatic, Text, Text/Photo, Text/Printed-Photo, Printed-Photo, Photo, Map, Pale-Color Document. Settings: Auto or 9 step manual 256 gradations/2 levels (monochrome) Scan-Once Print-Many, electronic sorting, offset-stacking, Auto Color Selection (ACS), Auto Paper Selection (APS), Auto
CPU Interface  Memory Hard Disk Drive Copy Resolution Color Modes Exposure Control Halftone	lb. bond (Monarch/Com-10 envelope), tab paper (letter). Also label paper, gloss paper, pre-printed, recycled, pre-punched, letterhead, color paper and OHP film.  Standard automatic duplex copying and printing Up to 1.75 GHz multi-processor design 10/100/1000 Base-T Ethernet, USB 2.0: 2 host ports (front and rear), 1 available device port (rear), opt. wireless 802.11 a/b/g/n Standard 5 GB copy/print (shared)/Hard Disk Drive: 250 GB 250 GB Scar: Up to 600 x 600 dpi (B&W/Color) Output: Up to 1200 x 1200 dpi (B&W), up to 600 x 600 dpi (Color Auto Color Selection (ACS), Full Color Mode, Monochrome (B/W) Modes: Automatic, Text, Text/Proto, Text/Printed-Photo, Printed-Photo, Photo, Map, Pale-Color Document. Settings: Auto or 9 step manual 256 gradations/2 levels (monochrome) Scan-Once Print-Map, electronic sorting, offset-stacking, Auto Color Selection (ACS), Auto Paper Selection (APS), Auto Magnification Selection (AMS), Auto Tray Switching (ATS),
CPU Interface  Memory Hard Disk Drive Copy Resolution Color Modes Exposure Control Halftone	lb. bond (Monarch/Com-10 envelope), tab paper (letter). Also label paper, gloss paper, pre-printed, recycled, pre-punched, letterhead, color paper and OHP film.  Standard automatic duplex copying and printing Up to 1.75 GHz multi-processor design 10/100/1000 Base-T Ethernet, USB 2.0: 2 host ports (front and rear), 1 available device port (rear), opt. wireless 802.11 a/b/g/n Standard 5 GB copy/print (shared)/Hard Disk Drive: 250 GB 250 GB Scan: Up to 600 x 600 dpi (B&W/Color) Output: Up to 1200 x 1200 dpi (B&W), up to 600 x 600 dpi (Color Auto Color Selection (ACS), Full Color Mode, Monochrome (B/W), Modes: Automatic, Text, Text/Photo, Text/Printed-Photo, Printed-Photo, Photo, Map, Pale-Color Document. Settings: Auto or 9 step manual 256 gradations/2 levels (monochrome) Scan-Once Print-Many, electronic sorting, offset-stacking, Auto Color Selection (ACS), Auto Paper Selection (APS), Auto Magnification Selection (AMS), Auto Tray Switching (ATS), black-white reversal, blank page skip, book copy, book divide,
CPU Interface  Memory Hard Disk Drive Copy Resolution Color Modes Exposure Control Halftone	lb. bond (Monarch/Com-10 envelope), tab paper (letter). Also label paper, gloss paper, pre-printed, recycled, pre-punched, letterhead, color paper and OHP film.  Standard automatic duplex copying and printing Up to 1.75 GHz multi-processor design 10/100/1000 Base-T Ethernet, USB 2.0: 2 host ports (front and rean), 1 available device port (rear), opt. wireless 802.11 a/b/g/n Standard 5 GB copy/print (shared)/Hard Disk Drive: 250 GB 250 GB Scan: Up to 600 x 600 dpi (B&W/Color) Output: Up to 1200 x 1200 dpi (B&W), up to 600 x 600 dpi (Color Auto Color Selection (ACS), Full Color Mode, Monochrome (BW) Modes: Automatic, Text, Text/Prhoto, Text/Printed-Photo, Printed-Photo, Photo, Map, Pale-Color Document. Settings: Auto or 9 step manual 256 gradations/2 levels (monochrome) Scan-Once Print-Many, electronic sorting, offset-stacking, Auto Color Selection (ACS), Auto Paper Selection (APS), Auto Magnification Selection (AMS), Auto Tray Switchin (ATS), Hato Magnification Selection (AMS), Auto Tray Switchin (ATS), Hato Magnification Selection (AMS), Auto Tray Switchin (ATS), disck-white reversal, blank page skip, book copy, book divide, card shot, center erase, centering, cover pages, dual page copy
CPU Interface  Memory Hard Disk Drive Copy Resolution Color Modes Exposure Control Halftone	lb. bond (Monarch/Com-10 envelope), tab paper (letter). Also label paper, gloss paper, pre-printed, recycled, pre-punched, letterhead, color paper and OHP film.  Standard automatic duplex copying and printing Up to 1.75 GHz multi-processor design 10/100/1000 Base-T Ethernet, USB 2.0: 2 host ports (front and rear), 1 available device port (rear), opt. wireless 802.11 a/b/g/n Standard 5 GB copy/print (shared)/Hard Disk Drive: 250 GB 250 GB Scan: Up to 600 x 600 dpi (B&W/Color) Output: Up to 1200 x 1200 dpi (B&W), up to 600 x 600 dpi (Color Auto Color Selection (ACS), Full Color Mode, Monochrome (B/W) Modes: Automatic, Text, Text/Photo, Text/Printed-Photo, Printed-Photo, Prin
CPU Interface  Memory Hard Disk Drive Copy Resolution Color Modes Exposure Control Halftone	lb. bond (Monarch/Com-10 envelope), tab paper (letter). Also label paper, gloss paper, pre-printed, recycled, pre-punched, letterhead, color paper and OHP film.  Standard automatic duplex copying and printing Up to 1.75 GHz multi-processor design 10/100/1000 Base-T Ethernet, USB 2.0: 2 host ports (front and rear), 1 available device port (rear), opt. wireless 802.11 a/b/g/n Standard 5 GB copy/print (shared)/Hard Disk Drive: 250 GB 250 GB Scan: Up to 600 x 600 dpi (B&W/Color) Output: Up to 1200 x 1200 dpi (B&W), up to 600 x 600 dpi (Color Auto Color Selection (ACS), Full Color Mode, Monochrome (B/W) Modes: Automatic, Text, Text/Proto, Text/Printed-Photo, Printed-Photo, Photo, Map, Pale-Color Document. Settings: Auto or 9 step manual 256 gradations/2 levels (monochrome) Scan-Once Print-Aux, electronic sorting, offset-stacking, Auto Color Selection (ACS), 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,
CPU Interface  Memory Hard Disk Drive Copy Resolution Color Modes Exposure Control Halftone	lb. bond (Monarch/Com-10 envelope), tab paper (letter). Also label paper, gloss paper, pre-printed, recycled, pre-punched, letterhead, color paper and OHP film.  Standard automatic duplex copying and printing Up to 1.75 GHz multi-processor design 10/100/1000 Base-T Ethernet, USB 2.0: 2 host ports (front and rear), 1 available device port (rear), opt. wireless 802.11 a/b/g/n Standard 5 GB copy/print (shared)/Hard Disk Drive: 250 GB 250 GB Scan: Up to 600 x 600 dpi (B&W/Color) Output: Up to 1200 x 1200 dpi (B&W), up to 600 x 600 dpi (Color Auto Color Selection (ACS), Full Color Mode, Monochrome (B/W), Modes: Automatic, Text, Text/Photo, Text/Printed-Photo, Printed-Photo, Photo, Map, Pale-Color Document. Settings: Auto or 9 step manual 256 gradations/2 levels (monochrome) Scan-Once Print-Many, electronic sorting, offset-stacking, Auto Color Selection (ACS), 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, pob programs, margin shift, mirror image, mixed size original, multi-page enlargement, original count, pamphlet style, proof
CPU Interface  Memory Hard Disk Drive Copy Resolution Color Modes Exposure Control Halftone	lb. bond (Monarch/Com-10 envelope), tab paper (letter). Also label paper, gloss paper, pre-printed, recycled, pre-punched, letterhead, color paper and OHP film.  Standard automatic duplex copying and printing Up to 1.75 GHz multi-processor design 10/100/1000 Base-T Ethernet, USB 2.0: 2 host ports (front and rear), 1 available device port (rear), opt. wireless 802.11 a/b/g/n Standard 5 GB copy/print (shared)/Hard Disk Drive: 250 GB 250 GB 250 GB 250 GB 250 GB (Color Mode, Monochrome (BW) Modes: Automatic, Text, Text/Photo, Text/Printed-Photo, Printed-Photo, Photo, Map, Pale-Color Document. Settings: Auto or 9 step manual 256 gradations/2 levels (monochrome) Scan-Once Print-Many, electronic sorting, offset-stacking, Auto Color Selection (ACS), 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, mirroriew, insert pages, job build, job programs, margin shift, mirroriew, insert pages, job build, job programs, margin shift, mirroriew, insert pages, job build, job programs, margin shift, mirroriew, insert pages, job build, job programs, margin shift, mirroriew, insert pages, job build, job programs, margin shift, mirroriew, insert pages, job build, job programs, margin shift, mirroriew, insert pages, job build, job programs, margin shift, mirroriew, insert pages, job suild, job programs, margin shift, mirroriew, insert pages, job suild, job programs, margin shift, mirroriew, insert pages, dual page copy edge erase, image edit, image preve, insert pages, job suild, job programs, margin shift, mirroriew, insert pages, job suild, job programs, margin shift, mirroriew, insert pages, job suild, job programs, margin shift, mirroriew, job, stamp, stamp
CPU Interface  Memory Hard Disk Drive Copy Resolution Color Modes Exposure Control Halftone	lb. bond (Monarch/Com-10 envelope), tab paper (letter). Also label paper, gloss paper, pre-printed, recycled, pre-punched, letterhead, color paper and OHP film.  Standard automatic duplex copying and printing Up to 1.75 GHz multi-processor design 10/10/1000 Base-T Ethernet, USB 2.0: 2 host ports (front and rear), 1 available device port (rear), opt. wireless 802.11 a/b/g/n Standard 5 GB copy/print (shared)/Hard Disk Drive: 250 GB 250 GB Scan: Up to 600 x 600 dpi (B&W/Color) Output: Up to 1200 x 1200 dpi (B&W), up to 600 x 600 dpi (Color Auto Color Selection (ACS), Full Color Mode, Monochrome (B/W) Modes: Automatic, Text, Text/Prhoto, Text/Printed-Photo, Printed-Photo, Printed-Photo, Printed-Photo, Printed-Photo, Proto, Map, Pale-Color Document. Settings: Auto or 9 step manual 256 gradations/2 levels (monochrome) Scan-Once Print-Many, electronic sorting, offset-stacking, Auto Color Selection (ACS), Auto Paper Selection (APS), Auto Magnification Selection (AMS), Auto Tray Switching (ATS), black-white reversal, blank page sklp, 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
CPU Interface  Memory Hard Disk Drive Copy Resolution Color Modes Exposure Control Halftone	lb. bond (Monarch/Com-10 envelope), tab paper (letter). Also label paper, gloss paper, pre-printed, recycled, pre-punched, letterhead, color paper and OHP film.  Standard automatic duplex copying and printing Up to 1.75 GHz multi-processor design 10/100/1000 Base-T Ethernet, USB 2.0: 2 host ports (front and rear), 1 available device port (rear), opt. wireless 802.11 a/b/g/n Standard 5 GB copy/print (shared)/Hard Disk Drive: 250 GB 250 GB Scan: Up to 600 x 600 dpi (B&W/Color) Output: Up to 1200 x 1200 dpi (B&W), up to 600 x 600 dpi (Color Auto Color Selection (ACS), Full Color Mode, Monochrome (B/W) Modes: Automatic, Text, Text/Phot, Text/Printed-Photo, Printed-Photo, Photo, Map, Pale-Color Document. Settings: Auto or 9 step manual 256 gradations/2 levels (monochrome) Scan-Once Print-May, electronic sorting, offset-stacking, Auto Color Selection (ACS), 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,
CPU Interface  Memory Hard Disk Drive Copy Resolution Color Modes Exposure Control  Halftone Copy Features	lb. bond (Monarch/Com-10 envelope), tab paper (letter). Also label paper, gloss paper, pre-printed, recycled, pre-punched, letterhead, color paper and OHP film.  Standard automatic duplex copying and printing Up to 1.75 GHz multi-processor design 10/100/1000 Base-T Ethernet, USB 2.0: 2 host ports (front and rear), 1 available device port (rear), opt. wireless 802.11 a/b/g/n Standard 5 GB copy/print (shared)/Hard Disk Drive: 250 GB 250 GB Scan: Up to 600 x 600 dpi (B&W/Color) Output: Up to 1200 x 1200 dpi (B&W), up to 600 x 600 dpi (Color Auto Color Selection (ACS), Full Color Mode, Monochrome (BW) Modes: Automatic, Text, Text/Prohot, Text/Printed-Photo, Printed-Photo, Photo, Map, Pale-Color Document. Settings: Auto or 9 step manual 256 gradations/2 levels (monochrome) Scan-Once Print-Many, electronic sorting, offset-stacking, Auto Color Selection (ACS), Auto Paper Selection (APS), Auto Magnification Selection (AS), Auto Tray Switching (ATS), hato Magnification Selection (AS), 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
CPU Interface  Memory Hard Disk Drive Copy Resolution Color Modes Exposure Control Halftone	lb. bond (Monarch/Com-10 envelope), tab paper (letter). Also label paper, gloss paper, pre-printed, recycled, pre-punched, letterhead, color paper and OHP film.  Standard automatic duplex copying and printing Up to 1.75 GHz multi-processor design 10/100/1000 Base-T Ethernet, USB 2.0: 2 host ports (front and rear), 1 available device port (rear), opt. wireless 802.11 a/b/g/n Standard 5 GB copy/print (shared)/Hard Disk Drive: 250 GB 250 GB Scan: Up to 600 x 600 dpi (B&W/Color) Output: Up to 1200 x 1200 dpi (B&W), up to 600 x 600 dpi (Color Auto Color Selection (ACS), Full Color Mode, Monochrome (B/W) Modes: Automatic, Text, Text/Phot, Text/Printed-Photo, Printed-Photo, Photo, Map, Pale-Color Document. Settings: Auto or 9 step manual 256 gradations/2 levels (monochrome) Scan-Once Print-May, electronic sorting, offset-stacking, Auto Color Selection (ACS), 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,

Output Tray	Center Exit Tray (Main): 250 sheets (face down)
Capacity	Job Separator (Upper Tray): 100 sheets (face down)
	Right Side Exit Tray: 100 sheets (face down)
Cloud Supported	Sharp Cloud Portal Office, Google Cloud Print, Google Drive,
Services	Box.com, OneDrive for Business, SharePoint Online
Network Protocols	TCP/IP (IPv4, IPv6, IPsec), HTTP/HTTPS, IPP/IPP-SSL,
	FTP/FTPS, SNMPv3, SMTP/SMTP-SSL, P0P3/P0P3-SSL, LDAP
	LDAP-SSL, 802.1x for Windows and Unix.
Network Security	Includes IP/MAC address filtering, protocol filtering, port
	control, user authentication (local/LDAP/Active Directory®), TLS
	Encryption, Kerberos support
Firmware	Flash ROM with local (USB), network update capability
Management Device Setur	and firmware update 1 to N with SRDM (Sharp Remote
	Device Manager)
Device Setup	Web-based management/cloning with user/administrator
Camilas /Franchisms	level login
Service/Functions	Remote Front Panel, remote access to service logs and
A a a a a a i bilitu	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
Environmental	and disable screen timeout  International Energy Star Program Ver 2.0 European RoHS
Standards	International Energy Star Program Ver. 2.0, European RoHS, Blue Angel (RAL-UZ171)
Power Source	110-127 V AC, 60 HZ, 20 A Receptacle
Power Consumption	
Weight	Approx. 180 lbs.
Dimensions	Approx. 24" (w) x 26" (d) 33" (h)
	7. pp. 10.1. 2.1. (11) x 2.0. (12) 0.0. (1.)
Network Printing S	vstem
PDL	Standard PCL® 6, optional Adobe PostScript 3
Resolution	1200 x 1200 dpi
Print Speed	50/60 pages per minute (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® (including 10.6 to 10.13), all MAC PPD,
	Unix®, Linux® PPD
Mobile Printing <sup>1</sup>	AirPrint, Android printing framework (Sharp Print Service
	Plugin), Mopria Print Service, Sharpdesk Mobile <sup>3</sup>
Print Features	Auto configuration, serverless print release, bar code
Print Features	
Print Features	Auto configuration, serverless print release, bar code
Print Features	Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, color
Print Features	Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, color adjustment settings, color mode, confidential print, continuous printing, custom image registration, different cover page/last page/other page, document control,
Print Features	Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, color adjustment settings, color mode, confidential print, continuous printing, custom image registration, different cover page/last page/other page, document control, document filing, duplex printing, electronic sorting, folding,
Print Features	Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, color adjustment settings, color mode, confidential print, continuous printing, custom image registration, different cover page/last page/other page, document control, document filing, duplex printing, electronic sorting, folding, form overlay, hidden pattern print, image rotation, image
Print Features	Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, color adjustment settings, color mode, confidential print, continuous printing, custom image registration, different cover page/last page/dother page, document control, document filling, duplex printing, electronic sorting, folding, form overlay, hidden pattern print, image rotation, image stamp, image type, job bypass print, job retention, layout
Print Features	Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, color adjustment settings, color mode, confidential print, continuous printing, custom image registration, different cover 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 Features	Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, color adjustment settings, color mode, confidential print, continuous printing, custom image registration, different cover 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, offset stacking, page interleave,
Print Features	Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, color adjustment settings, color mode, confidential print, continuous printing, custom image registration, different cover 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, offset stacking, page interleave, pamphlet style, poster print, proof print, print and send,
Print Features	Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, color adjustment settings, color mode, confidential print, continuous printing, custom image registration, different cover 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, offset stacking, page interleave, pamphlet style, poster print, proof print, print and send, punching, stapling, tab paper print, tab printing, toner
Print Features	Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, color adjustment settings, color mode, confidential print, continuous printing, custom image registration, different cover 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, offset 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
	Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, color adjustment settings, color mode, confidential print, continuous printing, custom image registration, different cover 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, offset 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
	Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, color adjustment settings, color mode, confidential print, continuous printing, custom image registration, different cover 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, offset 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
	Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, color adjustment settings, color mode, confidential print, continuous printing, custom image registration, different cover 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, offset 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 File Types: TIFF, JPEG, PCL, PRN, TXT, and PNG. Optional: PDF, Compact PDF, Encrypted PDF, PS, DOCX, XLSX and PPTX.
Direct Printing	Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, color adjustment settings, color mode, confidential print, continuous printing, custom image registration, different cover 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, offset 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 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
Direct Printing Resident Fonts	Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, color adjustment settings, color mode, confidential print, continuous printing, custom image registration, different cover 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, offset stacking, page interleave, pamphlet style, poster print, proof print, print and send, punching, stapling, tab paper print, tab printing, other save mode, transparency inserts, tray status, user authentication, watermarks, zoom print 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 80 outline fonts (PCL), 139 fonts (PS)
Direct Printing Resident Fonts nterface	Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, color adjustment settings, color mode, confidential print, continuous printing, custom image registration, different cover 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, offset 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 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 80 outline fonts (PCL), 139 fonts (PS). RJ-45 Ethernet 10/100/1000 Base-T, USB 2.0, opt. Wireless
Direct Printing Resident Fonts Interface Operating Systems	Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, color adjustment settings, color mode, confidential print, continuous printing, custom image registration, different cover 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, offset 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 File Types: TIFF, JPEG, PCI, PSN, TXT, and PNG. Optional: PDF, Compact PDF, Encrypted PDF, PS, DOCX, XLSX and PPTX. Methods: FTP, SMB, Web page, Email and USB Memory 80 outline fonts (PCL), 139 fonts (PS) RJ-45 Ethernet 10/100/1000 Base-T, USB 2.0, opt. Wireless Windows 7, Windows 8.1, Windows 10, Windows Server*2001
Direct Printing Resident Fonts Interface Operating Systems	Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, color adjustment settings, color mode, confidential print, continuous printing, custom image registration, different cover 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, offset 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 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 80 outline fonts (PCL), 139 fonts (PS) RJ-45 Ethernet 10/100/1000 Base-T, USB 2.0, opt. Wireless Windows 7, Windows 81, Windows Server 2012, Windows Server 2008 R2, Windows Server 2012, Windows
Direct Printing Resident Fonts Interface Operating Systems	Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, color adjustment settings, color mode, confidential print, continuous printing, custom image registration, different cover 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, offset 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 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 80 outline fonts (PCL), 139 fonts (PS) RJ-45 Ethernet 10/100/1000 Base-T, USB 2.0, opt. Wireless Windows 7, Windows 8.1, Windows Server 2012, Windows Server 2012, Windows Server 2012, RJ, Windows Server 2012, RJ, Usb. 50.10.15.
Direct Printing Resident Fonts Interface Operating Systems and Environments	Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, color adjustment settings, color mode, confidential print, continuous printing, custom image registration, different cover 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, offset 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 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 80 outline fonts (PCL), 139 fonts (PS) RJ-45 Ethernet 10/100/1000 Base-T, USB 2.0, opt. Wireless Windows 7, Windows 8.1, Windows 10, Windows Server 2018, Windows Server 2012 R2, Windows Server 2016, Mac OS X 10.6-10.13 Novell® Netware®, Unix, Linux, Citrx®, and SAP device types¹
Direct Printing Resident Fonts Interface Operating Systems and Environments	Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, color adjustment settings, color mode, confidential print, continuous printing, custom image registration, different cover 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, offset 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 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 80 outline fonts (PCL), 139 fonts (PS) RJ-45 Ethernet 10/100/1000 Base-T, USB 2.0, opt. Wireless Windows 7, Windows 8.1, Windows 10, Windows Server 2008 Windows Server 2008 R2, Windows Server 2012, Windows Server 2012, Windows Server 2012, Ry, Unidows Server 2012, Windows Server 2012, Ry, Unidows Server 2016, Mac OS 10.6-10.13 Novell* Netware*Unix, Linux, Citrix*, and SAP device types* LPB, IPP, IPPS, Raw TCP (port 9100), FTP, POP3, HTTP, Novell
Direct Printing Resident Fonts Interface Operating Systems and Environments	Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, color adjustment settings, color mode, confidential print, continuous printing, custom image registration, different cover 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, offset 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 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 80 outline fonts (PCL), 139 fonts (PS) RJ-45 Ethernet 10/100/1000 Base-T, USB 2.0, opt. Wireless Windows 7, Windows 8.1, Windows 10, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016, Mac OS X 10.6-10.13 Novell® Netware®, Unix, Linux, Citrx®, and SAP device types¹
Direct Printing Resident Fonts Interface Operating Systems and Environments Printing Protocols	Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, color adjustment settings, color mode, confidential print, continuous printing, custom image registration, different cover 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, offset 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 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 80 outline fonts (PCL), 139 fonts (PS) RJ-45 Ethernet 10/100/1000 Base-T, USB 2.0, opt. Wireless Windows 7, Windows 8.1, Windows 10, Windows Server* 2012 R2, Windows Server 2012 R1, Windows Server 2012 R2, Windows Server 2012 R3, Windows Server 2016, Mac OS X 10.6-10.13 Novell* Netware* Unix, Linux, Citrix*, and SAP device types' LPR, IPP, IPPS, Raw TCP (port 9100), FTP, POP3, HTTP, Novell Pserver/Rprinter, LPD and LPR for Unix
Direct Printing Resident Fonts Interface Operating Systems and Environments Printing Protocols Network Scanning	Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, color adjustment settings, color mode, confidential print, continuous printing, custom image registration, different cover 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, offset 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 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 80 outline fonts (PCL), 139 fonts (PS) RJ-45 Ethernet 10/100/1000 Base-T, USB 2.0, opt. Wireless Windows 7, Windows 8.1, Windows 10, Windows Server 2008 Windows Server 2008 R2, Windows Server 2012, Windows Server 2018, Windows Server 2018, Auc OS X 10.6-10.13 Novell® Netware®, Unix, Linux, Citrx®, and SAP device types¹ LPR, IPP, IPPS, Raw TCP (port 9100), FTP, POP3, HTTP, Novell Pserver/Rprinter, LPD and LPR for Unix
Direct Printing Resident Fonts Interface Operating Systems and Environments Printing Protocols Network Scanning Scan Modes	Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, color adjustment settings, color mode, confidential print, continuous printing, custom image registration, different cover 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, offset 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 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 80 outline fonts (PCL), 139 fonts (PS) RJ-45 Ethernet 10/100/1000 Base-T, USB 2.0, opt. Wireless Windows 7, Windows 81, Windows 10, Windows Server 2008 RZ, Windows Server 2012 RZ, Windows Server 2016, Mac OS X 10.6-10.13 Novell® Netware® Unix, Linux, Citrix®, and SAP device types' LPR, IPP, IPPS, Raw TCP (port 9100), FTP, POP3, HTTP, Novell Pserver/Rprinter, LPD and LPR for Unix  System  Standard: Color, monochrome, grayscale
Direct Printing Resident Fonts Interface Doperating Systems and Environments Printing Protocols Network Scanning Scan Modes Max. Original Size	Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, color adjustment settings, color mode, confidential print, continuous printing, custom image registration, different cover 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, offset 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 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 80 outline fonts (PCL), 139 fonts (PS) RJ-45 Ethernet 10/100/1000 Base-T, USB 2.0, opt. Wireless Windows 7, Windows 8.1, Windows 10, Windows Server 2008 Windows Server 2008 R2, Windows Server 2012, Windows Server 2018, Windows Server 2018, Auc OS X 10.6-10.13 Novell® Netware®, Unix, Linux, Citrx®, and SAP device types¹ LPR, IPP, IPPS, Raw TCP (port 9100), FTP, POP3, HTTP, Novell Pserver/Rprinter, LPD and LPR for Unix

	ire optional equipment. See your local dealer.
MX-607HB	Toner Collection Container
MX-60NRSA	Drum
MX-60NVSA	Cyan/Magenta/Yellow Developer
MX-60NVBA	Black Developer
MX-60NTYA	Magenta Toner Cartridge Yellow Toner Cartridge
MX-60NTMA	· · · · · · · · · · · · · · · · · · ·
MX-60NTBA MX-60NTCA	Black Toner Cartridge Cyan Toner Cartridge
Supplies MY CONTRA	Plack Toper Cartridge
0	
DVENDFS	Generic Vendor Interface Kit
MX-FR51U	Commercial Data Security Kit
MX-AMX3L	External Accounting Module
MX-AMX2L	Application Communication Module
MX-AMX1L	Application Integration Module
AR-SV1	Stamp Cartridge
AR-SU1	Stamp Unit (requires AR-SV1 Stamp Cartridge)
MX-PU10L	Direct Print Expansion Kit
MX-PK13L	Adobe® PostScript® 3™ Expansion Kit
MX-PF10	Bar Code Font Kit
MX-FWX1L	Internet Fax Kit
MX-FX15	Fax Expansion Kit
MX-EB18	Wireless LAN
MX-EB11L	Utility Table Compact PDF Kit
MX-TU16 MX-UT10	Center Exit Tray
MX-TR20	Job Separator Tray
MX-TR19N	Right Side Exit Tray
MX-SC12	Saddle-stitch Staple Cartridge for MX-FN31
MX-SC11	Staple Cartridge for MX-FN30/31
AR-SC2	Saddle-stitch Staple Cartridge for MX-FN29
MX-SCX1	Staple Cartridge for MX-FN27N/28/29
MX-PN16B	3-Hole Punch Unit (requires MX-FN30/31)
MX-PN15B	3-Hole Punch Unit (requires MX-FN28/29)
MX-PN14B	3-Hole Punch Unit (requires MX-FN27N)
MX-RB25N	Paper Pass Unit (required for MX-FN28/29/30/31)
MX-FN31	3K Stacking 65-sheet Staple/Saddle Stitch Finisher
MX-FN30	3K Stacking 65-sheet Staple Finisher
MX-FN29	1K Stacking 50-sheet Staple/Saddle Stitch Finisher
MX-FN28	1K Stacking 50-sheet Staple Finisher
MX-FN27N	50-sheet Staple Inner Finisher
MX-LT10	Long Paper Feeding Tray
mA-LUTTN	(letter, requires MX-DE25N/26N/27N/28N)
MX-LC17N	3,000-sheet Large Capacity Cassette
MX-DE28N	Low Stand/1 x 550+2,100-sheet Split landern Paper Drawers
MX-DE27N MX-DE28N	Stand/1 x 550 + 2,100-sheet Split Tandem Paper Drawers
MX-DE26N MX-DE27N	Stand/2 x 550-sheet Paper Drawers Stand/3 x 550-sheet Paper Drawers
MX-DE25N MX-DE26N	Stand/1 x 550-sheet Paper Drawer
MX-60ABD MX-DE25N	Deluxe Copier Cabinet Base (with front door) Stand/1 v 550-sheet Paper Drawer
Optional Equipmen MX-60ABD	
	license included), Sharpdesk Mobile (download)
Software	Sharpdesk® personal document management software (1 user
Max. Jobs	Up to 100
Programs	48 (combined)
Group Destinations	Up to 500
Destinations	op to 2,000 (combined scan destinations)
One-touch	Super G3 fax (option) Up to 2,000 (combined scan destinations)
Scan Destinations	Email, Desktop, FTP, Folder (SMB), USB, Internet fax (option),
	Internet Fax: TIFF-FX, TIFF-F, and TIFF-S <sup>1</sup>
	Encrypted PDF and XPS.
	Color/Grayscale: TIFF, JPEG, PDF, PDF/A, Compact PDF,
Image Formats	Monochrome: TIFF, PDF, PDF/A, Encrypted PDF, and XPS
oomprossion	Internet Fax mode: MH/MMR (option) <sup>1</sup>
lmage Compression	Monochrome Scanning: Uncompressed, G3 (MH), G4 (MR/MMF Color/Grayscale: JPEG (high, middle, low)

Network Scanning System (continued)

Monochrome Scanning: Uncompressed, G3 (MH), G4 (MR/MMR)

Image













<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.





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