

Business-Boosting 4-in-1 Convenience

Productive Operation

- 50-sheet RSPF scans documents at 40 opm*¹ (one-sided)
- RSPF feeds in various paper sizes including business cards*² and A6 paper
- Maximum 1,150-sheet paper capacity
- Standard paper tray, as well as multi bypass tray, accommodates a wide variety of paper sizes, including A6
- Optional paper feed unit feeds paper up to 220 g/m² thick
- Standard-equipped with PCL 6 emulation and PostScript® 3™ emulation

Advanced Functionality

- Direct printing of PDF/TIFF/JPEG files
- USB port conveniently located at the front of the MFP
- Print/scan command pops up on the LCD when you insert a USB drive, allowing easy printing from or scanning to the USB drive
- Full-colour network scanning with multiple scan destinations, such as email, FTP server, network folder (SMB), and desktop
- Sharpdesk Mobile print/scan application*³ enables scanned documents to be saved to a mobile device, or files on that device to be printed
- Standard-equipped with high-speed Super G3 fax and PC-Fax
- Inbound routing lets you forward received faxes to a shared folder or email address without printing to paper

Reliable Security Solutions

- IPsec and SSL ensure secure network communications
- User authentication covering up to 30 users prevents unauthorised MFP use by requiring access numbers
- Retained data can be erased when it's time to replace the MFP

Enhanced Usability

- Easy-to-use control panel with 5-line LCD
- ID Card Copy function with dedicated key enables easy copying of both sides of a card onto a single page
- Scanner Program Keys store frequently used scan settings and destinations for easy, one-touch recall
- LDAP support for easy browsing of email addresses
- Red and green LED lamps light up to notify users of machine/job status
- SRDM (Sharp Remote Device Manager) allows centralised control of networked MFPs
- Easy-grip handles based on a universal design concept
- Accessibility-based design complies with US Section 508
- Extremely small footprint*⁴ (428 x 507 mm)

*1: Originals per minute; when feeding A4 (8 1/2" x 11") sheets.

*2: One-sided scanning of up to 25 cards.

*3: Availability varies by country/region.

*4: "Footprint" refers to the part directly adjacent to the floor or desk space. The numerical value is for the MFP's base unit only.



AR-B451F



AR-B351F



COPY



PRINT



SCAN



FAX

SPECIFICATIONS

General

Type	Desktop
Engine speed	A4 (8 1/2" x 11") ^{*1} : Max. 45/35 ppm
Control panel display	5-line LCD
Paper size	Max. A4 (8 1/2" x 14"), min. A6 (5 1/2" x 8 1/2")
Paper capacity (80 g/m ²)	Standard: 550 sheets (500-sheet tray and 50-sheet multi bypass tray) Maximum: 1,150 sheets (550 sheets & optional 600-sheet tray)
Paper weight	Tray 1: 60 g/m ² to 105 g/m ² (16 lbs bond to 28 lbs bond) Tray 2 (MX-CS14 N): 55 g/m ² to 220 g/m ² (13 lbs bond to 80 lbs cover) Multi bypass tray: 55 g/m ² to 220 g/m ² (13 lbs bond to 80 lbs cover)
Warm-up time ^{*2}	29 sec.
Memory	1 GB (copy/print shared)
Power requirements	Rated local AC voltage $\pm 10\%$, 50/60 Hz
Power consumption	Max. 1.84 kW (220 V to 240 V)
Dimensions (W x D x H) ^{*3}	492 x 517 x 560 mm (19 3/8" x 20 23/64" x 22 1/16")
Weight (approx.)	29 kg (64.0 lbs)

Copier

Original paper size	Max. A4 (8 1/2" x 14")
First copy time ^{*4}	8.5/9.0 sec.
Continuous copy	Max. 999 copies
Resolution	Scan: 600 x 600 dpi, 600 x 300 dpi Print: 600 x 600 dpi
Gradation	Equivalent to 256 levels
Zoom range	25% to 400% (25% to 200% using RSPF) in 1% increments
Preset copy ratios	Metric: 8 ratios (4R/4E), inch: 5 ratios (3R/2E)

Scanner

Scan method	Push scan (via control panel) Pull scan (TWAIN-compliant application)
Scan speed ^{*5}	Colour: Max. 13 originals/min. B/W: Max. 40 originals/min.
Resolution	Push scan: 100, 150, 200, 300, 400, 600 dpi Pull scan: 75, 100, 150, 200, 300, 400, 600 dpi 50 dpi to 9,600 dpi via user setting ^{*6}
File formats	TIFF, PDF, JPEG ^{*7}
Scan destinations	Scan to email/desktop ^{*8} /FTP server/network folder (SMB)/USB drive

Printer

Resolution	600 x 600 dpi
Interface	USB 2.0 (host, high-speed), 10Base-T/100Base-TX/1000Base-T
Supported OS	Windows Server [®] 2008, Windows Server [®] 2008 R2, Windows Server [®] 2012, Windows Server [®] 2012 R2, Windows Server [®] 2016, Windows Server [®] 2019, Windows [®] 7, Windows [®] 8.1, Windows [®] 10, Mac OS 10.6, 10.7, 10.8, 10.9, 10.10, 10.11, 10.12, 10.13, 10.14, 10.15
Network protocols	TCP/IP
Printing protocols	LPR, Raw TCP (port 9100), FTP for downloading print files, IPP, WSD
PDL	PCL 6 emulation, PostScript [®] 3 [™] emulation
Available fonts	80 fonts for PCL, 136 fonts for PostScript 3 emulation

Facsimile

Compression method	MH/MR/MMR/JBIG
Communication protocol	Super G3/G3
Transmission time	Less than 3 seconds ^{*8}
Modem speed	33,600 bps to 2,400 bps with automatic fallback
Transmission resolution	From Standard (203.2 x 97.8 dpi) to Super Fine (203.2 x 391 dpi)
Recording size	A4 to A5 (8 1/2" x 14" to 5 1/2" x 8 1/2")
Memory	64 MB (built-in)
Greyscale levels	Equivalent to 256 levels

*1: Short-edge feeding.

*2: In a standard measurement environment. May vary depending on operating conditions and environment.

*3: Including adjusters and protuberances.

*4: Short-edge feeding of A4 (8 1/2" x 11") sheets from 1st paper tray, using document glass, MFP in fully ready condition. May vary depending on operating conditions and environment.

*5: Scan speed will vary depending on the type of document, the scan settings, operating conditions, and environment. Based on Sharp's A4 standard chart, using document feeder, short-edge feeding, one-sided scanning, and factory default settings.

*6: Resolution will vary depending on the size of the scanned area.

*7: Colour/greyscale only.

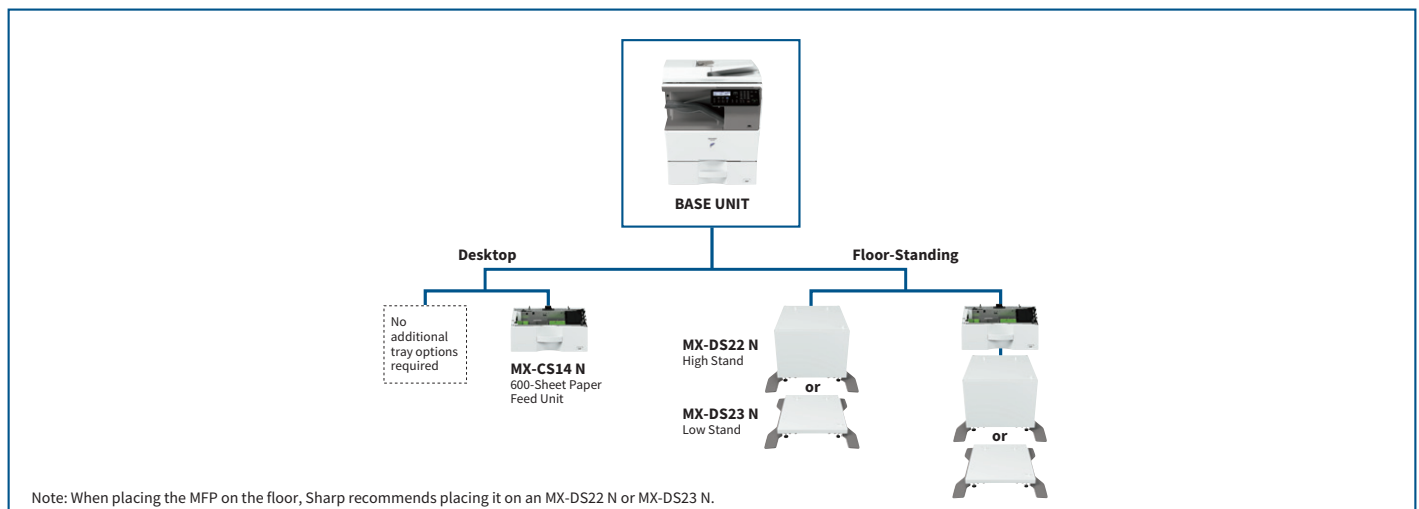
*8: Requires Network Scanner Tool Lite.

*9: Based on Sharp's standard chart with approx. 700 characters (A4 or 8 1/2" x 11" short-edge feeding) at standard resolution in Super G3 mode, 33,600 bps, JBIG compression.

• Design and specifications are subject to change without prior notice.

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SYSTEM CONFIGURATION



Certain optional equipment may not be available in some areas.

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