SHARP

Be Original.

BP-20M31
BP-20M28
BP-20M24
BP-20M22

Digital Multifunctional System

A Speedy Network-Ready MFP for the Upwardly Mobile Office

Productive Operation

- 100-sheet RSPF scans documents at 37 opm[1] (one-sided)
- Built-in stackless duplex module efficiently makes two-sided copies
- Maximum 2,100-sheet (BP-20M31/20M28) or 1,850-sheet (BP-20M24/20M22) paper capacity
- Multi bypass tray accommodates heavy paper up to 200 g/m^2
- Convenient copy functions: 2-in-1/4-in-1 copying, centering, and automatic paper/magnification selection

Advanced Functionality

- Wireless connectivity enables easy access from mobile devices and flexible MFP placement (option)
- Sharpdesk Mobile print/scan application[2] enables scanned documents to be saved to a mobile device, or files on that device to be printed
- Supports AirPrint mobile printing service (option)
- Full-colour network scanning with multiple scan destinations, such as email, desktop[3], FTP server, and USB drive
- Print/scan command pops up on the LCD when you insert a USB drive, allowing easy printing from or scanning to the USB drive
- PCL 6 (standard-equipped) and PostScript® 3™ emulation (option)
- USB port conveniently located at the front of the MFP
- Rotation Sort function rotates every other copy by 90 degrees for easy retrieval

Enhanced Usability

- Easy-to-use control panel with 5-line LCD
- Paper size selection window pops up automatically on LCD when paper is fed into multi bypass tray
- ID Card Copy function with dedicated key enables easy copying of both sides of a card onto a single page
- Auto Zoom Selection and Fit-to-Page functions automatically reduce or enlarge image to fit selected paper size
- 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
- User authentication covering up to 30 users prevents unauthorised MFP use by requiring access numbers
- Energy-efficient Auto Power Shut-off mode
- Easy-grip handles enable easy opening/closing of paper drawers

*1: Originals per minute; when feeding A4 (8 ^{1}/$_2$" x 11") sheets.
*2: Availability varies by country/region.
*3: Requires Network Scanner Tool Lite.

31 PPM	28 PPM	24 PPM	22 PPM	COPY	PRINT	SCAN
BP-20M31	BP-20M28	BP-20M24	BP-20M22			

BP-20M31/20M28/20M24/20M22 Digital Multifunctional System

SPECIFICATIONS

General

Type	Desktop
Engine speed	A4 (8 $\frac{1}{2}$" x 11")*1: Max. 31/28/24/22 ppm
	A3 (11" x 17"): Max. 17/17/12 (11)/12 (11) ppm
Control panel display	5-line LCD
Paper size	Max. A3 (11" x 17"), min. A6*2 (5 $\frac{1}{2}$" x 8 $\frac{1}{2}$")
Paper capacity	[BP-20M31/20M28] Standard: 1,100 sheets
(80 g/m^2)	(2 x 500-sheet tray and 100-sheet multi bypass tray)
	Maximum: 2,100 sheets
	(1,100 sheets & optional 2 x 500-sheet tray)
	[BP-20M24/20M22] Standard: 350 sheets
	(250-sheet tray and 100-sheet multi bypass tray)
	Maximum: 1,850 sheets
	(350 sheets & optional 3 x 500-sheet tray)
Paper weight	Tray 1: 60 g/m^2 to 105 g/m^2 (16 lbs bond to 28 lbs bond)
	Trays 2–4: 60 g/m^2 to 200 g/m^2 (16 lbs bond to 110 lbs index)
	Multi bypass tray: 55 g/m^2 to 200 g/m^2
	(13 lbs bond to 110 lbs index)
Warm-up time*3	BP-20M31/20M28: 20 sec.
	BP-20M24/20M22: 25 sec.
Memory	1 GB (copy/print shared)
Power requirements	Rated local AC voltage ±10%, 50/60 Hz
Power consumption	BP-20M31/20M28: Max. 1.45 kW
	BP-20M24/20M22: Max. 1.2 kW
Dimensions (W x D x H)	BP-20M31/20M28: 599 x 608 x 743 mm
	(23 $\frac{19}{32}$" x 23 $\frac{15}{16}$" x 29 $\frac{17}{64}$")
	BP-20M24/20M22: 599 x 608 x 643 mm
	(23 $\frac{19}{32}$" x 23 $\frac{15}{16}$" x 25 $\frac{21}{64}$")
Weight (approx.)	BP-20M31/20M28: 42 kg (92.6 lbs)
	BP-20M24/20M22: 34 kg (74.9 lbs)

Copier

Original paper size	Max. A3 (11" x 17")
First copy time*4	BP-20M31/20M28: 5.2 sec.
	BP-20M24/20M22: 6.4 sec.
Continuous copy	Max. 999 copies
Resolution	Scan: 400 x 600 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: 10 ratios (5R/5E), inch: 8 ratios (4R/4E)

Scanner

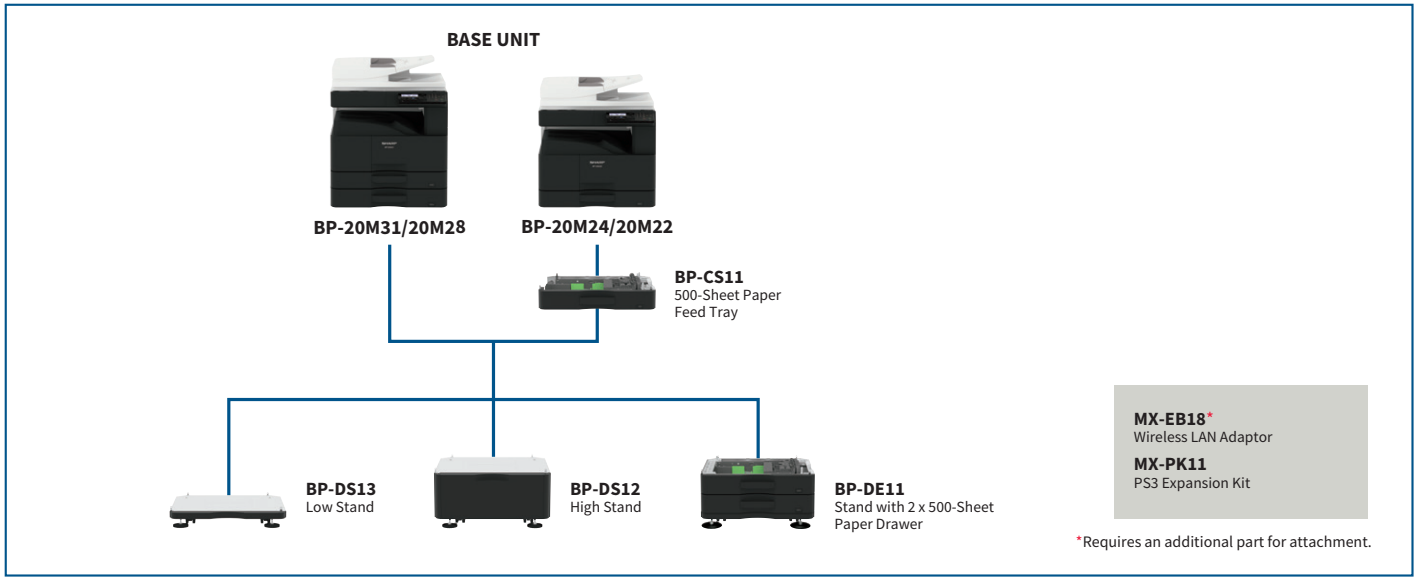|	
Scan method	Push scan (via control panel)
	Pull scan (TWAIN-compliant application)
Scan speed*5	Colour & B/W: Max. 37 originals/min.
Resolution	Push scan: 100, 150, 200, 300, 400, 600 dpi*6
	Pull scan: 75, 100, 150, 200, 300, 400, 600 dpi
	50 dpi to 9,600 dpi via user setting*7
File formats	TIFF, PDF, JPEG*8
Scan destinations	Scan to email/desktop*9/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, wireless LAN (IEEE 802.11 b/g/n)*10
Supported OS*11	Windows Server® 2012, Windows Server® 2012 R2, Windows Server® 2016, Windows Server® 2019, Windows® 8.1, Windows® 10, Mac OS 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, SMB, WSD
PDL	Standard: PCL 6 emulation
	Option: PostScript® 3™ emulation
Available fonts	80 fonts for PCL, 136 fonts for PostScript 3 emulation

*1: Long-edge feeding.
*2: Short-edge feeding only.
*3: In a standard measurement environment. May vary depending on operating conditions and environment.
*4: Long-edge feeding of A4 (8 $\frac{1}{2}$" x 11") sheets from 1st paper tray. May vary depending on operating conditions and environment.
*5: Scan speed will vary depending on the type of document and the scan settings. Based on Sharp's A4 standard chart, using document feeder, long-edge feeding, one-sided scanning, and factory default settings.
*6: 600 x 600 dpi scanning available up to A4 (8 $\frac{1}{2}$" x 11") size.
*7: Resolution will vary depending on the size of the scanned area.
*8: Colour/greyscale only.
*9: Requires Network Scanner Tool Lite.
*10: Requires optional MX-EB18. Availability of this option varies by country/region.
*11: Requires optional MX-PK11 for Mac OS.

• Design and specifications are subject to change without prior notice.
• AirPrint and Mac are trademarks of Apple Inc., registered in the US and other countries. PCL is a registered trademark of Hewlett-Packard Company. PostScript 3 is either a registered trademark or trademark of Adobe in the US and/or other countries. Windows and Windows Server are registered trademarks of Microsoft Corporation in the US and/or other countries. All other brand names and product names may be trademarks or registered trademarks of their respective owners.

SYSTEM CONFIGURATION

BASE UNIT

BP-20M31/20M28   BP-20M24/20M22

BP-CS11
500-Sheet Paper Feed Tray

BP-DS13
Low Stand

BP-DS12
High Stand

BP-DE11
Stand with 2 x 500-Sheet Paper Drawer

MX-EB18*
Wireless LAN Adaptor

MX-PK11
PS3 Expansion Kit

*Requires an additional part for attachment.

Certain optional equipment may not be available in some areas.

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