

VERSATILE MONOCHROME MULTIFUNCTION PRINTERS simply smarter

A Higher Standard of Functionality

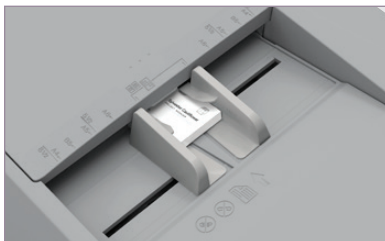
Adaptable and simplified printers that deliver safe and secure features.

The simply smarter BP-B540WR and BP-B550WD compact monochrome document systems deliver advanced security and collaborative functionality with high-quality output. These models provide users with an intuitive user experience and the confidence of knowing their jobs will come out right the first time, every time. Designed with high-performance features typically found on larger multifunction printers, both models deliver the user experience needed to meet the requirements of today's hybrid work environment.

Easy-to-use Touchscreen The easy-to-use Sharp touchscreen display is designed to deliver an accurate responsive user experience.

Built-in Security In today's ever changing work environments, it's vital to protect endpoint devices from security threats, which is why Sharp uses the latest technology to help ensure your data remains safe.

Versatile Application Integration Maximize productivity and collaboration with easy access to expanded cloud services, quickly connect with mobile devices to print and scan files and even utilize touchless operation with the Sharp Synappx Go app.



Easily scan business cards and checks using the high resolution scanner.



Easy touch display with customizable menus.



Optional compact inner finisher offers stapling, offset stacking and sorting.

Compact designs with advanced workflow features for virtually any size office.

- Standard **copy, print, scan, fax** and **wireless** capability.
- **100-sheet duplexing document feeder** on the BP-B550WD scans both sides of a document in a single pass. This enhances productivity while maintaining the integrity of original copies and minimizing wear on the feeder.
- Both models can feed **letter, legal, statement** and **business card** sized original documents.
- Built-in **optical character recognition** (OCR) function can convert scanned documents to text-searchable PDF, Microsoft® Office file formats and more.
- The compact PDF feature reduces file sizes of most scanned color documents and **decreases network traffic** and storage.
- **Access popular cloud services**, including Microsoft OneDrive® for Business, Microsoft Teams, SharePoint® Online, Box.com, Google Drive™, Dropbox and more with the Cloud Connect feature and Sharp Application Portal.
- **Direct print** from Microsoft Word, PowerPoint® and Excel® files with thumb drives, cloud applications, network folders and more.
- 7" (diagonal) **customizable touchscreen display** enables easy access to features and functions when setting up jobs.
- Offers up to **five paper sources** with available 2,350-sheet maximum paper capacity.
- Network ready **PCL® 6** and **Adobe® PostScript®3™** printing systems deliver up to 40 and 50 pages per minute.
- **Supports popular mobile technologies**, enabling users to easily print files from smartphones, tablets and notebook computers.
- Strong, **multi-layered security** such as system integrity check, intrusion detection, and optional Bitdefender antivirus help protect your data.

SPECIFICATIONS BP-B540WR/B550WD

Main Specifications

BP-B540WR/ BP-B550WD	Base models include multitasking controller, 50-sheet RSPF (BP-B540WR)/100-sheet DSPF (BP-B550WD), PCL 6 and Adobe PostScript® 3™ printing systems, network scanning, auto duplexing, 1 x 500-sheet paper drawer, 50-sheet bypass tray. Black developer is included.	
Type	Desktop monochrome multi-function printer	
Display	7" (diagonal) color dot matrix high-resolution touch panel tilting display. 1,024 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/Roller fusing/White LED exposure	
Originals	Sheets and bound documents	
Max. Original Size	8½" x 14"	
Output Size	Min. 5½" x 8½", Max. 8½" x 14"	
Copy Speed	40/50 ppm	
Multiple Copy	Max. 9,999 copies	
First Copy Time (in seconds)²	BP-B540WR	BP-B550WD
	Platen Glass 5.3	3.7
	Doc. Feeder 7.3	5.5
Warm Up Time	20 seconds (from main switch on)	
Magnification	25% to 400% in 1% increments (with document feeder 25% - 200%)	
Original Feed	BP-B540WR: 50-sheet RSPF BP-B550WD: 100-sheet DSPF	
Scan Speed	BP-B540WR: up to 40 ipm BP-B550WD: up to 130 ipm	
Original Sizes	5½" x 8½", 8½" x 11", 8½" x 14", 2" x 3½" business card	
Paper Capacity	Standard: 550 Sheets/Maximum: 2,350 Sheets	
Paper Feed System	Standard: (1) 500-sheet paper drawer (letter/statement size) and 50-sheet bypass tray (letter/legal/statement/envelope size). 50-envelope capacity with standard paper cassette. Optional: up to 3 additional 600-sheet paper drawers (letter/legal/statement).	
Paper Weights and Types	Paper drawers: 16 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-80 lb. cover (heavy paper), 20-24 lb. bond (Monarch/Com-10 envelope); label paper, gloss paper, pre-printed, recycled, pre-punched, letterhead, color paper and OHP film.	
Duplexing	Standard automatic duplex copying and printing	
CPU	1.6 GHz multi-processor design	
Interface	RJ-45 Ethernet (10/100/1000 Base-T), USB3.0: 1 port (rear), USB2.0: 1 port (front) 1 device port (rear), Wireless 802.11 a/b/g/n/ac	
Memory	Standard 5 GB copy/print (shared)	
Solid State Drive	128 GB	
Copy Resolution	Up to 600 x 600 dpi	
Exposure Control	Modes: Automatic, Text, Text/Photo, Text/Printed-Photo, Printed-Photo, Photo, Map, Light Original	
Halftone	256 gradations/2 levels (monochrome)	
Copy Features	Scan-Once Print-Many, Auto Paper Selection (APS), Auto Magnification Selection (AMS), Auto Tray Switching (ATS), electronic sorting, black-white reversal, blank page skip, card shot, center erase, centering, cover pages, edge erase, image edit, image preview, insert pages, job build, job programs, margin shift, mirror image, mixed size original, original count, pamphlet style, proof copy, repeat layout, stamp, stamp custom image, suppress background, toner save mode, transparency inserts, watermark, 2-in-1 / 4-in-1 / 8-in-1 multi shot	
Account Control	Up to 1,000 users. Supports user authentication via user-number, local login name/password, LDAP or Active Directory® for all modes	
Output Tray	Center Exit Tray (Main): 250 sheets (face down)	
Capacity	Inner Finisher: 280 sheets (face down)	
Cloud Supported Services	OneDrive for Business, Google Drive, Box, Dropbox, Sharepoint Online, Microsoft Teams, Gmail, Exchange Online	

Main Specifications (continued)

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 Data Security	Includes IP/MAC address filtering, Protocol filtering, Port control, TLS 1.3 Encryption, WPA3, Kerberos, Active Directory integration, AES 256 bit data encryption, Secure data erase, End-of-Lease feature
Firmware Management	Flash ROM with local (USB), network update capability 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 Features	Free stop tilting front panel, adjustment of key touch sound and speed, document feeder free stop, job programs, remote front panel, universal grip for paper trays and disable screen timeout
Environmental Standards	International ENERGY STAR Program Ver. 3.2, European RoHS, Blue Angel DE-UZ219
Power	AC 120 VAC, 60 Hz, 15 A receptacle
Power Consumption	1.44 kW or less
Weight	Approx. 63lbs (BP-B540WR)/68lbs (BP-B550WD)
Dimensions	Approx. 19-3/8" (W), 21-5/8" (D), 22" (H) (BP-B540WR) Approx. 19-3/8" (W), 21-5/8" (D), 24" (H) (BP-B550WD)

Network Printing System

PDL	Standard PCL 6, Adobe PostScript 3
Resolution	600 x 600 dpi
Print Speed	40/50 ppm (8½" x 11")
Print Drivers	Windows 10, Windows 11, Windows Server 2016/2019/2022, Windows PPD, OS X 10.10 - macOS 13, UNIX®, Linux®, Universal Print (native)
Mobile Printing	AirPrint, Android printing framework (Sharp Print Service Plugin), Sharpdesk Mobile
Print Features	Auto configuration, serverless print release, bar code font printing, carbon copy print, chapter inserts, confidential print, custom image registration, different cover page/last page/other page, document control, document filing, duplex printing, electronic sorting, form overlay, hidden pattern print, image rotation, image stamp, image type, job retention, layout print, margin shift, network tandem print, N-up printing, page interleave, pamphlet style, proof print, print and send, stapling, toner save mode, transparency inserts, tray status, user authentication, watermarks, zoom print. ¹
Direct Printing	File Types: TIFF, JPEG, PCL, PRN, TXT, PNG, PDF, Compact PDF, Encrypted PDF, PostScript, DOCX, XLSX and PPTX. Methods: FTP, SMB, Web page, Email and USB memory. Adobe Embedded Print Engine support for PDF file formats.
Resident Fonts	80 outline fonts (PCL), 139 fonts (PS)
Operating Systems and Environments	Windows 8.1, Windows 10, Windows 11, Windows Server 2016/2019/2022, Chrome OST™, OS X 10.10 - macOS 13, Unix®, Linux®, Citrix®, and SAP device types ¹
Printing Protocols	LPR, IPP, IPPS, Raw TCP (port 9100), FTP, POP3, POP3S, HTTP, HTTPS, and LPR and LPD for Unix

Network Scanning System

Scan Modes	Standard: Color, monochrome, grayscale
Max. Original Size	8½" x 14"
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)
Compression	Color/Grayscale: JPEG (high, medium, low) Internet Fax mode: MH/MMR (option) ²
Image Formats	Monochrome: TIFF, PDF, PDF/A, Encrypted PDF, XPS, Searchable PDF, DOCX, XLSX, PPTX, TXT, and RTF. Color/Grayscale: TIFF, JPEG, PDF, PDF/A, Compact PDF, Encrypted PDF, XPS, Searchable PDF, DOCX, XLSX, PPTX, TXT, and RTF. Internet Fax: TIFF-FX, TIFF-F, TIFF-S ¹

Network Scanning System (continued)

Scan Destinations	Email, Desktop, FTP, Folder (SMB), USB, Internet fax (option), Super G3 fax, Teams Folder, OneDrive, Box, Dropbox
One-touch Destinations	Up to 2,000 (combined scan destinations)
Group Destinations	Up to 500
Programs	48 (combined)
Max. Jobs	Up to 100
Enhanced Email Integration	Standard Gmail connector, standard Exchange connector (on-premise and online)
Scanning Protocols	HTTP/HTTPS, FTP/FTPS, SMTP/SMTP-SSL/ESMTP, POP3, LDAP, S/MIME
Software	Sharpdesk Mobile (download), Synappx (download)

Super G3 Facsimile Function

Communication Line	Public Switched Telephone Network (PSTN)
Transmission Mode	Super G3, G3
Modem Speed	Maximum 33.6 KBPS with auto fallback
Compression	JBIG, MMR, MR, MH
Scanning Method	Sheet fed or manual feed from platen glass
Transmit Resolution	400 x 400 dpi (ultra-fine), 200 x 400 dpi (super-fine), 200 x 200 dpi (fine), 200 x 100 (standard)
Halftones	256 levels
Transmit Speed	Approx. 2 seconds per page in Super G3 mode
Auto Dialing	Up to 1000 destinations (combined)
Group Dialing	Up to 500 groups
Inbound Fax Routing	To email address, FTP or SMB using Transmit Terminal Identification (TTI), also Document Administration function can send blind copy of transmissions and receptions to an administrator email address, FTP or SMB location.
Max. Original Length	Up to 19.5"
Programs	48 (combined)
Memory	4 GB (shared)
Features	Transaction Reports, Activity Reports, PC Fax, F-Code communication, Memory Transmission, Quick On-line Transmission, Inbound Fax Routing, Anti-junk Fax Reception, Secure Fax Release, Out-of-Paper Memory Reception, Auto Redial, Auto Exposure, Chain Dialing, Polling Reception, Duplex Reception and ITU-T.37 Internet Fax Option.

Optional Equipment

BP-DS14	High Stand
BP-DS15	Low Stand
BP-CS12	600-sheet Paper Feed Unit
BP-FN17	30-sheet Staple Inner Finisher
MX-SCX1	Staple Cartridge for BP-FN17
MX-FWX1L	Internet Fax Kit
MX-PF10	Bar Code Font Kit
MX-AMX1L	Application Integration Module
DVENDFSV	External Vendor Interface Kit
BP-FR12UL	Data Security Kit
BP-VD10L	Virus Detection Kit (powered by Bitdefender)
BP-SD10	High Capacity SSD (512GB)

Supplies

BP-B50NTA	Toner Cartridge
BP-B50NV	Developer
MX-B45DU	Drum

¹ Some features require optional equipment. See your local dealer.

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

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