MONOCHROME PRINTER simply smarter

Secure, High Quality, High Volume Printer

Elevate document security.

The BP-B550PW is a high efficiency, high volume, high quality monochrome printer, ideal for businesses seeking reliable performance and streamlined operations.

Easy-to-use Touchscreen The 7" (diagonal) color customizable touchscreen display delivers enhanced user experiences consistent with larger Sharp devices. Easy User Interface (UI) mode offers users quick access to frequently used settings and functions.

Leading Security In today's changing work environments, it is vital to protect endpoint devices from threats. Sharp provides industry-leading security features such as remote firmware updates, optional virus detection kit, allowlisting and more to help round out business security suites.

Synappx Manage Integration* To help increase efficiency in office operations and add convenience, IT managers can utilize Synappx Manage to remotely monitor and automate device management, and access cloud services in a safe and secure way.

Print without a print driver with the Print Support Application for Windows 10 and 11.

Easy touch display with customizable menus.

Print with popular mobile cloud services.

Enhance productivity and efficiency.

- Standard wired and **wireless** capability.

- Print **letter, legal, and statement** sized documents.

- **Access popular cloud services** with the Sharp application portal; services include Microsoft OneDrive for Business, Microsoft Teams, SharePoint Online, Box.com, Google Drive™, Dropbox and more with the Cloud Connect feature.

- **Direct print** from Microsoft Word, PowerPoint and Excel files with thumb drives, cloud applications, network folders and more.

- Offers up to **five paper sources** with available 2,350-sheet maximum paper capacity.

- **7-inch** (diagonally measured) **touchscreen** delivers an accurate, responsive user experience and provides easy access to features.

- Network ready **PCL® 6 and Adobe® PostScript®3™** printing systems deliver up to 50 pages per minute.

- Print without a print driver with the **Print Support Application (PSA)** supported by Windows 10 and 11.

- Strong, **multi-layered security** such as system integrity check and intrusion detection to help protect your data.

Main Specifications

BP-B550PW	Base models include multitasking controller, PCL 6 and Adobe PostScript® 3™ printing systems, auto duplexing, 1 x 500-sheet paper drawer, 50-sheet bypass tray. Starter toner and black developer included.
Type	Desktop printer
Display	7" (diagonal) color dot matrix high-resolution touch panel tilting display. 1,024 x 600 dots (W-SVGA)
Functions	Print, network print
Output Size	Min. 5½" x 3⅝", Max. 8½" x 14"
Warm Up Time	20 seconds (from [Power] button on)
Paper Capacity	Standard: 550 Sheets/Maximum: 2,350 Sheets
Paper Feed System	Standard: (1) 500-sheet paper drawer (letter/statement size) plus executive (7.25" x 10.5") 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 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), Wireless 802.11 a/b/g/n/ac
Memory	5 GB
Solid State Drive	128 GB, 512 GB (Optional)
Halftone	256 gradations/2 levels (monochrome)
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 Capacity	Center Exit Tray (Main): 250 sheets (face down)
Cloud Supported Services	OneDrive for Business, Google Drive, Box, Dropbox, Sharepoint Online, Microsoft Teams
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; for service users only) and Synappx Manage.
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, 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

Main Specifications *(continued)*

Power	AC 120 VAC, 60 HZ, 12 A receptacle
Power Consumption	1.44 kW or less
Weight	Approx. 53 lbs.
Dimensions	Approx. 19.5" (W), 20.5" (D), 19" (H)

Network Printing System

PDL	Standard PCL 6, Adobe PostScript 3
Resolution	Up to 600 x 600 dpi
Print Speed	50 ppm (8½" x 11")
Print Drivers	Windows 10, Windows 11, Windows Server 2016/2019/2022, Windows PPD, OS X 10.10 - macOS 14, 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, 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 10, Windows 11, Windows Server 2016/2019/2022, Chrome OS™, OS X 10.10 - macOS 14, 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

Optional Equipment

BP-DS14	High Stand
BP-DS15	Low Stand
BP-CS12	600-sheet Paper Feed Unit
MX-PF10	Bar Code Font Kit
BP-FR12UL	Data Security Kit
BP-VD10L	Virus Detection Kit
BP-SD10	High Capacity SSD (512 GB)

Supplies

BP-B50NT-A	Black Toner Cartridge
BP-B50NV	Black Developer Unit
MX-B45DU	Drum Unit

[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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