

High Speed Office Mono Laser Printer



THE HL-5450DN IS THE PROFESSIONAL PRINT PARTNER COMBINING HIGH SPEED OUTPUT WITH ROBUST RELIABILITY TO MEET YOUR BUSINESS REQUIREMENTS

Regardless of your business size Brother understands that your business runs on information.

The HL-5450DN is packed with a range of easy-to-use, cost effective output solutions that are designed to deliver outstanding results time after time.

Key Features

- Save time with fast 38ppm print speed and a first page out time of less 8.5 seconds (incorporating <1second eco warm up)
- Automatic 2-Sided Print as Standard
- Less refilling with a 300 sheet paper capacity expandable to 800 sheets
- Hi-Speed USB 2.0 and Built in Network
- Easy to use roam print features including with AirPrint and Google Cloud Print
- Keep print costs down with the High Yield Toner Option

Supplies

Standard Yield Toner (TN-3330) Approx. 3,000 pages*
High Yield Toner (TN-3380) Approx. 8,000 pages*
Drum (DR-3300) Approx. 30,000 pages (one page per job)
*Approx. yield is declared in accordance with ISO/IEC 19752

Optional Extras

- Optional 500 Lower Paper tray LT5400 (Max 1)
- Additional 2 years warranty ZWPS0120

HL-5450DN

Product Specifications

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Technology	Electrophotographic Laser Printer
Class 1 Laser Product	IEC 60825-1:2007
Processor	StarSapphire 400MHz
Memory	64MB (Expandable up to 320MB, using industry standard 1 x DDR2 16bit 144pin memory module)
LED's	Toner LED, Drum LED, Paper LED, Back Cover LED
Buttons	Go button, Job cancel button
Print Speed – Standard (A4)	38 pages per minute
Print Speed – Duplex (A4)	18 sides per minute (9 sheets per minute)
Resolution	1200 x 1200 dpi, HQ1200(2400 x 600 dpi), 600 x 600 dpi
First Print Out Time	Less than 8.5 seconds from ready mode
Warm-up Time	Less than 5 seconds from sleep mode
Print Language	PCL6, BR-Script3 (Postscript®3 Language Emulation), IBM Proprinter XL, Epson FX-850
Embedded Fonts (PCL)	66 scalable fonts, 12 bitmap fonts
Embedded Fonts (PS)	66 scalable fonts
Embedded Barcodes (PCL)	Code39, Interleaved 2 of 5, FIM(US-PostNet), Post Net(US-PostNet), EAN-8, EAN-13, UPC-A, UPC-E, Codabar, ISBN(EAN), ISBN(UPC-E), Code128(set A, set B, set C), EAN128(set A, set B, set C)
Paper Input	
Standard Tray:	250 sheets
Multi-Purpose (MP) Tray:	50 sheets
Optional Lower Tray:	1 x 500 sheets (LT-5400)
Paper Output	
Face Down:	150 sheets
Face Up (Straight Paper Path):	1 sheet
Media Types & Weights	
Standard / Optional Tray:	Plain & recycled paper (between 60 - 105 g/m2 (16 - 28 lb))
Multi-Purpose Tray:	Plain, recycled & bond paper (between 60 - 163g/m2 (16 to 43lb))
Envelope Printing	Yes, from Multi-Purpose (MP) Tray (up to 3 at one time)
Label Printing	Yes, from Multi-Purpose (MP) Tray (accuracy & reliability will depend on the quality & type of labels used)
Media Sizes	
Standard / Optional Tray:	A4, Letter, B5(ISO/JIS), A5, A5(Long Edge), B6(ISO), A6, Executive, Legal, Folio (A4 only supported in automatic duplex print mode)
Multi-Purpose Tray:	Width: 76.2mm to 215.9mm (3" to 8.5") x Length: 127mm to 355.6mm (5" to 14")
Interfaces	Hi-Speed USB 2.0 & Wired Network (Network 10/100 Base-TX)
Network	Built in 10/100 Base-TX
Network Protocols	TCP/IP (IPv4 and IPv6)
IPv4	ARP, RARP, BOOTP, DHCP, APIPA(Auto IP), WINS/NetBIOS name resolution, DNS Resolver, mDNS, LLMNR responder, LPR/LPD, Custom Raw Port/Port9100, IPP/IPPS, FTP Server, TELNET Server, HTTP/HTTPS server, TFTP client and server, SMTP Client, SNMPv1/v2c/v3, ICMP, Web Services (Print), CIFS client, SNMP client ()
IPv6 (off by default)	NDP, RA, DNS resolver, mDNS, LLMNR responder, LPR/LPD, Custom Raw Port/Port9100, IPP/IPPS, FTP Server, TELNET Server, HTTP/HTTPS server, TFTP client and server, SMTP Client, SNMPv1/v2c/v3, ICMPv6, Web Services (Print), CIFS Client, SNMP Client
Network Security	APOP, POP before SMTP, SMTP-AUTH, SSL/TLS (IPPS, HTTPS, SMTP, POP), SNMP v3, 802.1x (EAP-MD5, EAP-FAST, PEAP, EAP-TLS, EAP-TTLS), Kerberos
Printer Driver Features	
Booklet Printing+	Print documents in A5 booklet format using automatic or manual duplex print
Quiet Mode	Reduces the noise of the machine whilst printing (a small reduction in print speed also occurs)
Skip Blank Page+	Ignores any pages blank pages in your documents.
Toner Saving	This reduces the toner usage and helps to reduce the total cost of printer ownership
† Windows® only	
†† Windows® & Apple Macintosh only	
Mobile/ Cloud Printing	
iPrint&Scan (Android) 7	Print JPG & PDF files directly from a smart phone or tablet running the Android Operating System
iPrint&Scan (iPad / iPhone / iPod) 7	Print JPG & PDF files directly from an iPad / iPhone / iPod
Google Cloud Print	Print most common file types from any Google Cloud print enabled application
Apple AirPrint	Print most common file types from any Apple AirPrint enabled application
Cortado Cloud Print	Print most common file types from any smart phone, tablet or PC running Cortado applications that support Cortado Cloud Print
Compatible Operating Systems	Windows 7® (32 & 64 bit editions), Windows Vista® (32 & 64 bit editions), Windows® XP Professional (32 & 64 bit editions), Windows® XP Home Edition, Windows® Server 2008R2, Windows® Server 2008 (32 & 64 bit editions), Windows® Server 2003 (32 & 64 bit editions) - Mac OS X 10.5.8, 10.6.x, 10.7.x or greater - Linux CUPS, LPD/LPRng (x86/x64 environment)(Linux driver download only)
Recommended Monthly	500 – 3,500 pages monthly print volume

Weights/ Dimensions/ Measures

With Carton (WxDxH) 499 x 478 x 380 mm, 12.4 kg

W/ out Carton (WxDxH) 371 x 384 x 245 mm, 10.5 kg

	Power Consumption (measured at 25°C)	Sound Pressure Level	Sound Power Level
Active	Average 665W	Less than 59 dBA	Less than 6.79BA
Quiet Mode	Average 332W	Less than 54 dBA	Less than 6.4BA
Ready	Average 4.7W	Less than 34 dBA	Less than 4.7BA
Deep Sleep	Average 0.6W	Inaudible	Inaudible
Auto Power Off (Off Mode)	Average 0.41W	Inaudible	Inaudible
TEC Value	2.120kWh / Week		

What's in the box

Toner Cartridge (Approx. 3,000 pages¹)

Drum Unit (Approx. 30,000 pages)

Power Supply Cord

Driver Software for Windows® and Mac

Quick Set-up Guide

PC Interface cable **NOT** included

