

# HL-5450DN Laser Printer

NETWORK | PRINTER

## Hard working. Always ready.

Fast, professional printing, ideal for your workgroup or mobile device.

- Increase productivity with print speeds up to **40 pages per minute**.
- Share over your network via its **built-in Ethernet interface**.\*
- Save paper and cut costs with **automatic two-sided printing**.
- **Mobile device printing** via: AirPrint™, Google Cloud Print™, Brother™ iPrint&Scan, and Cortado Workplace.□
- **300-sheet paper capacity**, expandable up to 800 sheets with optional tray.\*\*
- Print **high-quality** documents at up to 1200 x 1200 dpi resolution.



Flexible paper handling:  
up to 250-sheet paper  
tray and 50-sheet  
multipurpose tray



Print via AirPrint,  
Google Cloud Print™ or  
iPrint&Scan □



High-yield  
replacement toner  
cartridges available\*\*

# HL-5450DN Laser Printer



Experience fast, reliable laser printing from Brother.

## Fast, high-quality output

With a print speed of up to 40 pages per minute, the network-ready HL-5450DN is ideal for busy offices. Plus, it offers up to 1200 x 1200 dpi resolution for crisp, clear text and excellent graphics for high-quality letters, spreadsheets, and more.

## Flexible connectivity\*

Easily share it with others via its built-in Ethernet interface or connect locally via its Hi-Speed USB 2.0 interface.

## Convenient mobile device printing

The HL-5450DN helps you print on the go. Print from your mobile device via: AirPrint™, Google Cloud Print™, Brother™ iPrint&Scan and Cortado Workplace.□

## Cost efficient performance

Spend less time replacing supplies and help reduce running costs with the high-yield 8,000-page replacement toner cartridge\*\* and use toner save mode when printing less critical business documents.

## Versatile paper handling

The Brother HL-5450DN offers an adjustable 250-sheet capacity paper tray<sup>3</sup> for letter or legal size paper and a 50-sheet capacity multi-purpose tray<sup>3</sup> for printing letterhead and custom paper sizes. Add an optional 500-sheet capacity paper tray<sup>3</sup> for additional capacity.

## Automatic two-sided printing

Produce professional two-sided documents, brochures, and booklets with ease. Two-sided printing can help save money and reduce your paper use as well.

## Advanced security features

The HL-5450DN also provides a wide-range of security features including: Secure Function Lock, Enterprise Security (802.1x) and more.

## Get an amazing experience with Brother

Brother is committed to your peace of mind. We are Canadians serving Canadians. We provide machine-lifetime support including extensive online support options such as videos, Twitter, Facebook and more. We also provide a 1 year limited exchange express warranty. We are at your side every step of the way.

## Product Specifications

### PRINT

- **Printing technology<sup>5</sup>**  
Electrophotographic laser
- **Print speed**  
Up to 40 ppm
- **Time to first page**  
Less than 8.5 sec.
- **Resolution (dpi)**  
1200 x 1200 dpi, HQ1200 (2400 x 600 dpi) quality, 600 x 600 dpi
- **Memory**  
64 MB / 320 MB
- **Processor**  
400 mhz
- **Printer emulation**  
PCL6, BR-Script3, IBM Proprinter XL, Epson FX-850
- **Interfaces\***  
10/100 Base TX Ethernet, High Speed USB 2.0

### Sheet types

Plain paper, Bond paper, Recycled paper, Envelopes, Labels

### Sheet weights

Letter/legal tray: 60-105 g/m<sup>2</sup> (16-28 lb.)  
Manual feed slot: 60-163 g/m<sup>2</sup> (16-43 lb.)

### NETWORK

- **Network security**  
Secure function lock 2.0, store print log
- **Network management tools**  
BRAdmin Light, Web Based Management, BRAdmin Professional 3.0, Web BRAdmin<sup>4</sup>
- **Multi-protocol support**  
**IPv4 & IPv6 Common:** DNS Resolver, mDNS, LLmNR responder, LPR/LPD, Custom Raw Port/Port9100, POP3, SMTP Client, IPP/PPS, FTP Client and Server, LDAP Client, CIFS Client, TELNET Server, SNMPv1/v2c/v3, HTTP/HTTPS server, TFTP client and server, SNTIP Client, LLTD responder, Web Services (Print)  
**IPv4 unique:** ARP, RARP, BOOTP, DHCP, APIPA(Auto IP), WINS/NetBIOS name resolution, ICMP.  
**IPv6 unique:** NDP, RA, ICMPv6,

### ELECTRICAL

- **Power requirements**  
120 VAC +/- 10% 50/60 Hz
- **Power consumption (Avg.)**  
Printing: 716W at 25c  
Ready: 5W at 25c  
Quiet Mode/Printing: 348W at 25c  
Deep sleep: 0.6W at 25c

### ENVIRONMENTAL

- **Temperature**  
10° to 32.5° C
- **Humidity**  
20% to 80% (without condensation)
- **Noise level**  
Sound pressure:  
Printing - LpAm 59dB (A)  
Standby - LpAm 34dB (A)  
Quiet Mode/Printing - LpAm 54dB (A)  
Sound power:  
Printing - LWAd 6.79B (A)  
Standby - LWAd 4.70B (A)  
Quiet Mode/Printing - LpAm 6.4dB (A)

### OTHER

- **Included supplies**  
Inbox toner (3,000 pages)<sup>1</sup>  
Drum unit (30,000 pages)<sup>1</sup>
- **Warranty**  
1 year limited exchange express warranty
- **Unit dimensions (W x D x H)**  
371 mm x 384 mm x 245 mm
- **Box dimensions (W x D x H)**  
499 mm x 478 mm x 377 mm
- **Unit/carton weight**  
8.9 kg/11.9 kg
- **UPC code**  
012502630791

### REPLACEMENT SUPPLIES AND YIELDS<sup>1,\*\*</sup>

Toner	Item	Part numbers
• Toner	Black toner (3,000 pages) <sup>1</sup>	TN-720
	Black high-yield toner (8,000 pages) <sup>1</sup>	TN-750
• Other supplies	Drum unit (30,000 pages) <sup>1</sup>	DR-720
	Optional Lower Paper (500 sheet capacity)	LT-5400



### SOFTWARE<sup>2</sup>

- **Printer drivers**  
Windows XP Home Edition, XP Professional Edition, XP Professional x64 Edition, Server 2003, Server 2003 x64 Edition, Vista, Server 2008, Server 2008 R2, Windows 7, Mac OS X 10.5.8, 10.6.x, 10.7.x
- **Other software**  
Interactive Help, Driver Deployment Wizard (To deploy printer drivers over a network)

### PAPER HANDLING<sup>3</sup>

- **Paper capacity (std./max.)**  
300 / 800 sheets  
Standard: 250-sheet letter/legal tray  
50 sheet multi-purpose tray  
Optional: 500-sheets letter/legal tray
- **Two-sided (duplex) printing**  
Automatic
- **Output**  
150 sheets face down
- **Paper sizes**  
LTR, LGL, EXE, A4, A5, A6, B5, B6, Folio  
Envelopes: Com-10, DL  
Custom size: Width 76.2 to 215.9 mm, Length 127 to 355.6 mm



For more information please visit our web site: [brother.ca](http://brother.ca)

\*Cables not included. \*\*Requires additional purchase. \*PostScript™3™ compatible. □AirPrint™ and the AirPrint logo are trademarks of Apple Inc. Cortado is a trademark of Cortado AG. †Approximate toner cartridge yield in accordance with ISO/IEC 19752 (letter / A4). Drum yield is approximate and may vary by type of use. ‡Some advanced features are not supported under all operating systems or drivers. See User's guide on-line for details. †All references to sheets of paper refer to 20 Lbs (bond) paper. †Download at <a href="http://solutions.brother.com">http://solutions.brother.com</a>. †Laser Notice: Class 1 Laser Product (IEC 60825-1:2001). Mac and the Mac logo are trademarks of Apple Inc. Microsoft, Windows, the Windows logo and/or other Microsoft products referenced herein are either registered trademarks of Microsoft Corporation in the U.S. and/or other countries. Brother and its logo are trademarks of Brother Industries Ltd., Japan. All specifications are subject to change without notice. All registered trademarks referenced herein are the property of their respective companies. Printed in Canada.