

# Network mono laser printer

**HL-L5050DN mono laser  
printer**

[brother.co.uk/printers/mono-laser-printers](http://brother.co.uk/printers/mono-laser-printers)



# Network mono laser printer

Built with the busy office in mind, this device offers fast print speeds and excellent paper handling options. You can also reduce your print spend with optional high yield toner cartridges, making this machine the ideal print partner for your office.

## HL-L5050DN



### Key Features:

- **Fast print speeds of up to 40ppm**
- **Combined paper input of 300 sheets**
- **Automatic 2-sided printing**
- **In-box 2,000 page toner**  
- optional high yield 8,000 page toner available
- **1 line, 16 character backlit LCD**
- **High speed, wired and USB 2.0 connectivity**

### Increase productivity levels

- Productivity is increased significantly thanks to fast print speeds of up to 40ppm
- Maximise performance with high speed, wired network interface
- Easily print from mobile devices over a network, allowing users to print using the Brother iPrint&Scan app, Android print service plugin and Google Cloud Print 2.0
- The easy to use 1 line, 16 character backlit LCD display enables user to print with no complications.

### Complete peace of mind - workgroup reliability

- Complete reliability, enabling you to print up to 3,500 pages per month
- Outstanding paper handling options with a standard paper input capacity of 300 sheets and 150 sheet output tray.

### Exceptionally low running costs

Designed for the busy office the HL-L5050DN includes a 2,000<sup>1</sup> page toner cartridge (TN-3430) and can take an optional 8,000<sup>1</sup> page high yield toner cartridge (TN-3480) to lower your running costs even further. A range of solutions under the PrintSmart umbrella can help you reduce your print spend such as PrintSmart Cost Control.

### Meeting your IT challenges

Modern businesses demand the highest levels of security. With Secure Function Lock 3.0 and Internet Protocol Security (IPsec). Plus, the range features Print Archive, Secure Reset and Certificate Management.

## General

### Technology

Electrophotographic  
Laser printer

### Laser classification

Class 1 laser product  
(IEC60825-1:2007)

### Processor

Cortex-A9 800MHz

### Memory

256MB

### Local interface

Hi-speed USB 2.0

### Control panels

1 line, 16 character backlit  
LCD

### Wired network interface

10Base-T/100Base-TX

## Printer functions

### N-up printing<sup>3</sup>

Reduce up to 2, 4, 9, 16 or 25  
A4 pages into just one A4 page  
(Mac, up to 2, 4, 6, 9, or 16)

### Poster Printing<sup>4</sup>

Enlarge 1 A4 page into a poster  
using 4, 9, 16 or 25 A4 pages

### Watermark printing<sup>4</sup>

Watermark your documents  
with predefined text or with your  
own user-defined messages

### ID printing<sup>4</sup>

Add identification to your  
printed documents (date and  
time, short custom message  
or PC username)

### Manual 2-sided print<sup>4</sup>

Manual 2-sided printing  
(recommended for media not  
supported by automatic 2-sided  
print)

### Booklet printing<sup>4</sup>

Print documents in A5 booklet  
format using automatic or  
manual 2-sided print

### Skip blank page<sup>4</sup>

Ignores any blank pages in your  
documents by not printing them

### Print profiles<sup>3</sup>

Store your favourite driver  
settings as profiles to easily  
recall them

### Print text in black<sup>4</sup>

Converts all text in your  
documents to black when  
printed

### Print archive<sup>4</sup>

An electronic carbon copy  
feature that saves an electronic  
copy of all printed documents  
as a PDF file

### Carbon copy<sup>4</sup>

Prints additional copies of the  
same document to paper taken  
from additional paper trays

## Printer driver

### Windows<sup>®</sup>

Windows<sup>®</sup> 10  
(32 and 64 bit editions)  
Windows<sup>®</sup> 8,8.1  
(32 and 64 bit editions)  
Windows<sup>®</sup> 7  
(32 and 64 bit editions)  
Windows Vista<sup>®</sup>  
(32 and 64 bit editions)  
Windows<sup>®</sup> XP Professional  
(32 and 64 bit editions)  
Windows<sup>®</sup> XP Home  
Windows<sup>®</sup> Server 2012,  
2012R2 and 2008R2

### Windows<sup>®</sup> Server 2008

(32 and 64 bit editions)  
Windows<sup>®</sup> Server 2003  
(32 and 64 bit editions)

### Macintosh<sup>5</sup>

OS X 10.8.5, 10.9.x, 10.10.x,  
10.11.x  
macOS 10.12, 10.13, 10.14

### Linux<sup>5</sup>

CUPS, LPD/LPRng  
(32 and 64 bit editions)

### PostScript universal printer driver

Driver for Windows<sup>®</sup> that  
enables you to print to any  
network or locally-connected  
Brother laser printer that  
supports PostScript

### PCL driver

Universal PCL5e generic driver

## Fleet management tools

### Unattended installer<sup>4</sup>

Ability to centrally deploy and  
customise our drivers and  
software

### MSI installer<sup>4</sup>

Modular installers that can  
be distributed through Active  
Directory<sup>®</sup>

### Embedded web server

Web based print management  
software embedded onto the  
device

### BRAdmin professional<sup>4&5</sup>

LAN/WAN management  
software

### Driver deployment wizard<sup>4</sup>

Easily create print drivers for  
hassle free deployment over  
your network

1 Approx declared yield value in accordance with ISO/IEC19752

2 Calculated with 80g/m<sup>2</sup> paper

3 Windows<sup>®</sup> & Mac<sup>®</sup> only

4 Windows<sup>®</sup> only

5 Optional free download available to download from Brother support site

6 Maximum number of printed pages per month can be used to compare designed durability between like Brother products.

For maximum printer life, it is best to choose a printer with a duty cycle that far exceeds your print requirements

7 It is recommended to use the straight paper output path and the quiet mode feature with paper weights over 105g/m<sup>2</sup>.

8 Meets the requirements of Energy Star 2.0

All specifications correct at the time of printing (July 2019) and are subject to change. Brother is a registered trademark of Brother Industries Ltd. Brand product names are registered trademarks or trademarks of their respective companies.



## Paper handling

### Standard paper input<sup>2</sup>

Lower tray: 250 sheets  
Multi-purpose (MP) tray: 50 sheets

### Paper output<sup>2</sup>

Face down: 150 sheets  
Face up (straight paper path):  
1 sheet

## Media Specification

### Media types and weights<sup>7</sup>

**standard tray:** plain, recycled, coloured and letterhead paper (between 60 - 120g/m<sup>2</sup>)

**MP tray:** plain, recycled, bond, coloured and letterhead paper (between 60 - 200g/m<sup>2</sup>)

**2-sided print** - plain, recycled, coloured and letterhead paper (between 60 - 105g/m<sup>2</sup>)

### Envelope and label printing

Yes, from the MP tray: support for 10 envelopes up to 10mm total thickness

### Media sizes

Standard tray: A4, Letter, A5, A5 (long edge), A6, Executive, Legal, Folio, Mexico Legal, India Legal  
MP tray: Width: 76.2mm to 215.9mm x Length: 127mm to 355.6mm  
2-sided print: A4

## Network and Security

### Wired network

Built-in ethernet  
10Base-T/100Base-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, SNTP 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, ICMPv6, Web Services (Print), CIFS Client, SNTP Client

### Wired network security

SMTP-AUTH, SSL/TLS (IPPS, HTTPS, SMTP), SNMP v3, Kerberos, IPsec, 802.1x (EAP-MD5, EAP-FAST, PEAP, EAP-TLS, EAP-TTLS)

### Print log to network<sup>4</sup>

Records printing activities from each individual user, including network username, name of document printed and number of pages, to a file on a network

### Email notifications

Automatically have the device send email alerts when it requires attention, such as when the toner is low or needs replacing

### Email reports

Receive usage reports on a regular basis via email

### IP filter

Restrict which network users can or cannot access the device over the network (IPv4 only)

### Secure function lock 3.0

Restrict printing activity to individual or groups of users over a network. Can be used with PC User Login Name for up to 100 users

### Secure Print<sup>3</sup>

Protect print jobs with a four digit release code, required at the device in order for them to be printed

### Setting Lock

Secures access to the devices control panel by locking it

## PrintSmart solutions (optional)

### PrintSmart cost control

Monitor and control printing costs for all Brother and 3rd party devices

For more information on PrintSmart Solutions visit [www.brother.co.uk](http://www.brother.co.uk)

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<sup>3</sup> Windows® & Mac® only

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## Dimensions and weights

**With carton (WxDxH)**  
485 x 450 x 377mm, 13kg

**Without carton (WxDxH)**  
373 x 388 x 255mm, 10.7kg

## Duty cycle

**Recommended monthly**  
Up to 3,500 pages monthly  
print volume

**Maximum monthly<sup>6</sup>**  
Up to 50,000 pages monthly  
print volume

## Mobile / Web based printing

**Brother iPrint&Scan (Android)**  
Print and check the machine status from an Android device

**Brother iPrint&Scan (iPad / iPhone / iPod)**  
Print and check the machine status from an iPad / iPhone / iPod Touch

**Brother iPrint&Scan (Windows® Phone)**  
Print directly from a smart phone running the Windows® Phone Operating System

**Brother Print&Scan (Windows® 8 & RT)**  
Print directly from a Windows® 8 or Windows RT Tablet

**Google Cloud Print 2.0**  
Print most common file types from any Google Cloud Print enabled application

**Android Print Service Plugin**  
Print from Android devices without a dedicated App

## Supplies and carton contents

**In-box toner**  
2,000 page toner BK

**Standard toner**  
3,000 pages BK  
(TN-3430)

**High-yield toner**  
8,000 page BK  
(TN-3480)

**Drum unit**  
50,000 pages  
(DR-3400)  
Approx. 50,000 pages  
at 3 pages per job  
Approx. 30,000 pages  
at 1 page per job

**In-box:**  
Toner  
Drum  
Power supply cord  
Driver software for Windows®  
Quick Set-Up Guide  
(PC interface cable NOT included)

## Environment

**Power consumption**  
Printing: 640W (390W in quiet mode)  
Ready: 32W  
Sleep: 6.5W  
Deep sleep: 1.2W  
Off: 0.04W

**TEC value**  
1.763kWh / week

**Sound pressure level**  
Printing: 52dbA  
Quiet mode printing: 50dbA  
Ready: Up to 34dbA

**Sound power level**  
Printing: 6.9BA  
Quiet mode printing: 6.47BA  
Ready: up to 4.7BA

**Power saving**  
This enables the printer to consume less energy when not in use

**Toner saving**  
This reduces the toner usage and helps to reduce the total cost of printer ownership

**Blue Angel**  
Yes

**Nordic Swan**  
Yes

**GS Mark**  
Yes

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at your side

To find out more visit [www.brother.co.uk](http://www.brother.co.uk)



#### **Working with you for a better environment**

At Brother, our green initiative is simple. We strive to take responsibility, act respectfully and try to make a positive difference to help build a society where sustainable development can be achieved. We call this approach Brother Earth.

**[www.brotherearth.com](http://www.brotherearth.com)**

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