

HL-L6450DW



Wireless mono laser printer

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PRINT



WIRELESS

www.brother.eu

Wireless mono laser printer

Increase your printing capacity with the robust HL-L6450DW. Offering excellent paper handling options, the HL-L6450DW comes with ultra high-yield toner that significantly reduces your print costs - making this printer the ideal partner for your business.

HL-L6450DW



Key Features:

- Super-fast print speeds of up to 50ppm*
- Combined paper input of 570 sheets as standard²
- Automatic 2-Sided Printing
- 20,000 page¹ ultra high-yield inbox toner
- Intuitive 4.5cm colour touchscreen

MAXIMISE PERFORMANCE

Fast print speeds of up to 50 pages per minute makes printing documents over 100 pages a quick and simple task. Combined with the ability to print from sleep in less than 13 secs, you are never waiting long for your important documents.

Thanks to built-in Near-Field Communications (NFC) connectivity, you can simply tap your mobile phone or tablet to print from your device without the need to connect to the network.

EXCEPTIONALLY LOW RUNNING COSTS

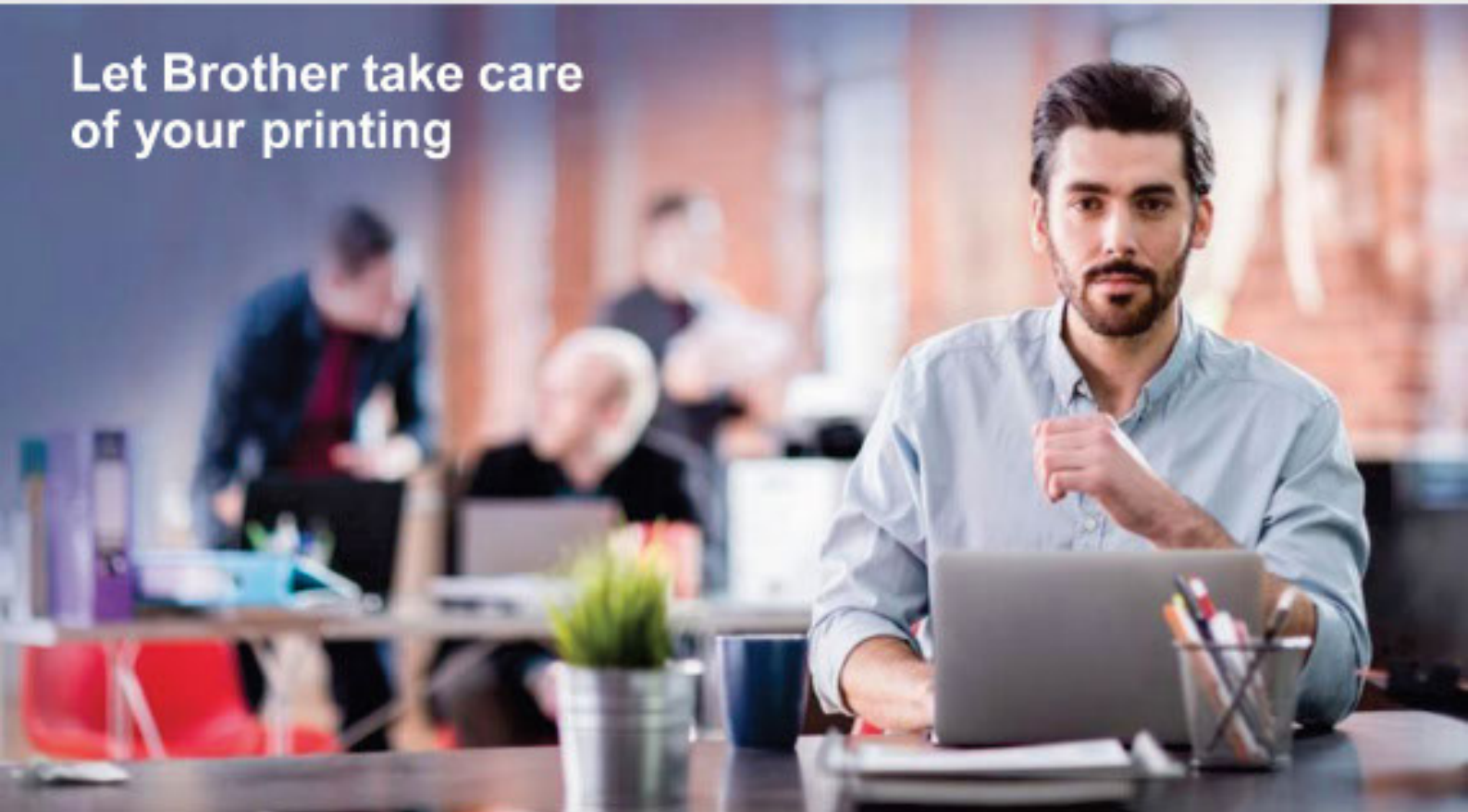
Straight out of the box comes the exceptionally large inbox toner, printing up to 20,000 pages, meaning you can start printing without any delay. Using original Brother toners, brings out the best in your printer, guaranteeing you crisp, mono documents every time. And thanks to the long-life components and low energy consumption, your environmental footprint is kept to a minimum.

VERSATILE PAPER HANDLING

Designed to fit into your office space and meet your specific printing needs, the HL-L6450DW is available as a low-profile desktop printer, or maybe configured to a highly efficient floor-standing model by adding optional paper trays, storage cabinet and mail box.

HIGH SECURITY

To support the ever-evolving legislation on privacy and data security, this model has built-in support for the latest industry-standard security protocols to securely protect your data. You can further protect your device by setting up user authentication, whereby access to certain settings and functions is only given to authorised users.



Let Brother take care
of your printing

Don't be left without your printer when you need it most. Have total peace of mind with Brother's Managed Print Services.

Never run out of toner again, as we will order and deliver your supplies just when you need them, reducing downtime and maximising productivity. You can also be in full control of your printing, by tracking usage while monitoring print-related costs.

Let your printing look after itself with Brother's Managed Print Services.

brother
at your side

General

Technology
Electrophotographic Laser

Control Panel
4.5cm Colour Touchscreen

Memory
512MB

Local Interface
Hi-Speed USB 2.0

Mobile Print
Print from your mobile devices to your Brother printer

Wired Network
Built-in Ethernet 10Base-T/ 100Base-TX/1000Base-T

Wireless Network
IEEE 802.11b/g/n (Infrastructure Mode/ Ad-hoc Mode), Vertical Pairing

Wi-Fi Direct™
Print wirelessly without having to use a wireless access point (both automatic and manual methods supported)

Print

Print Speed (A4)²
Up to 50ppm (pages per minute)

Print Speed 2-Sided (A4)³
Up to 24 sides per minute (12 sheets per minute)

Resolution
Up to 1,200 x 1,200 dpi

FPOT (First Print Out Time)⁴
Less than 7.5 seconds from ready mode

Warm-up Time
Less than 4.7 seconds from sleep mode

Quiet Mode
Further reduce the noise of printing, by restricting the print speed

Automatic 2-Sided Printing
Print on to both sides of the paper

Print Languages
PCL6, BR-Script3 (PostScript®3™Language Emulation), IBM Proprinter XL, Epson FX-850, PDF version 1.7, XPS version 1.0

Embedded Fonts (PCL)
73 scalable fonts, 12 bitmap fonts

Embedded Fonts (Postscript)
66 scalable fonts

Embedded Barcodes (PCL)
16 barcodes

Printer Functions

N-up Printing⁵
Fit up to 2, 4, 9, 16 or 25 A4 pages into just one A4 page (Mac, up to 2, 4, 6, 9, or 16)

Booklet Printing⁴
Print documents in A5 booklet format using automatic or manual 2-sided print

Poster Printing⁴
Enlarge 1 A4 page into a poster using 4, 9, 16 or 25 A4 pages

Watermark Printing⁴
Watermark documents with predefined or user-defined text

Manual 2-Sided Print⁴
Manual 2-sided printing (recommended for media not supported by automatic 2-sided print)

ID Printing⁴
Add identification to your printed documents (date & time, short custom message or login username)

Printer Drivers⁵

Windows⁶
Windows® 7, 8, 8.1, 10, Server 2008 & 2008 R2, Server 2012 & 2012 R2

Mac
OS X v10.8.5, 10.9.x, 10.10.x, 10.11.x
macOS 10.12.x, 10.13.x

Linux
CUPS, LPD/LPRng (x86/x64 environment)

Paper Handling

Paper Input²

Lower Tray – 520 sheets
Multi Purpose Tray – 50 sheets

Optional Paper Input²

250 sheet tray (LT-5505)
520 sheet tray (LT-6505)
Maximum of 2 optional trays (LT-6505 & LT-5505 can be used together)
4 x 520 sheet tower tray (TT-4000)

Optional Paper output

Mailbox (MX-4000)
100 sheets x 4 bins,
or
400 sheets x 2 bins²

Paper Output²

Face Down - 250 sheets
Face Up (Straight Paper Path) - 10 sheets

Media Sizes Standard Tray

A4, Letter, Legal, Folio, A5, A5 (Long Edge), B5, Executive

Media Type & Weights

Standard & Optional Trays
- plain, recycled, coloured and letterhead paper (60 - 120g/m²)
Multi Purpose Tray - plain, recycled, bond, coloured and letterhead paper (60 - 200g/m²)
2-sided Print - plain, recycled, coloured and letterhead paper (60 - 105g/m²)

Mobile and Web Connectivity

Brother iPrint&Scan (Android)⁵

Print and check the machine status from an Android device

Brother iPrint&Scan (iPad / iPhone / iPod)⁵

Print and check the machine status from an iPad / iPhone / iPod Touch

Brother iPrint&Scan (Windows Phone)⁵

Print from a smart phone running the Windows Phone Operating System

Brother Print&Scan (Windows 8,10 & RT)⁵

Print from a Windows 8,10 or Windows RT Tablet

Brother Print Service Plugin⁵

Print from Android devices without a dedicated App

Google Cloud Print 2.0

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

AirPrint

Print most common file types from any AirPrint enabled application

Mopria

Print most common file types from Mopria supported Android devices

Near-Field Communications (NFC) / Card Reader Support

Integrated NFC Reader

Supports both NFC cards (for secure authentication with pull print solutions like Brother PrintSmart Pro) and Android NFC devices for mobile print. Supported NFC standards include: MIFARE Standard/Plus/Ultralight/Ultralight C/DESfire (ISO14443 Type A), my-d move (ISO14443 Type A), Tag-it (ISO15693)

External NFC Card Reader Support

(3rd party card readers require additional purchase. Other card readers supported if registered via the web interface) Support for external NFC readers via the rear USB port.

Supported card reader include; RFIDEas pcProx Enroll

- RDR-6081AKU
- RDR-6281AKU
- RDR-6381AKU
- RDR-6E81AKU
- RDR-6H81AKU

RFIDEas AIR ID Enroll

- RDR-7081AKU
- RDR-7581AKU
- RDR-7F81AKU

Elatec TWN3 Mifare, Mifare NFC1, Multi ISO

Elatec TWN4 Mifare NFC

Developers

Brother Solutions Interface (BSI)

Create powerful cloud and on premise solutions directly integrating the advanced print and security capabilities of Brother devices.

For more information visit:
www.brother.eu/developer

Fleet Management Tools

Unattended Installer⁴

Ability to centrally deploy and customise drivers and software

MSI Installer⁴

Modular installers that can be distributed using Active Directory[®]

BRAdmin^{4MS}

LAN/WAN management software

Embedded Web Server

Web-based print management software embedded onto the device

Driver Deployment Wizard^{4MS}

Easily create print drivers for network deployment

PrintSmart Cost Control

Monitor and control printing costs for Brother and

3rd party devices.
For more information on PrintSmart Solutions visit: www.brother.eu

Network Security

Wireless Network Security¹³

EP 64/128 bit, WPA-PSK (TKIP/ AES), WPA2-PSK (AES); APOP, SMTP-AUTH, SSL/TLS (IPPS, HTTPS, SMTP, POP3, IMAP4), SNMP v3, 802.1x (EAP-MD5, EAP-FAST, PEAP, EAP-TLS, EAP-TTLS), Kerberos, IPSec

Wired Network Security

APOP, SMTP-AUTH, SSL/TLS (IPPS, HTTPS, SMTP, POP3, IMAP4), SNMP v3, 802.1x (LEAP, EAP-FAST, PEAP, EAP-TLS, EAP-TTLS), Kerberos, IPSec

Wireless Setup Support

WPS

IPv4

ARP, RARP, BOOTP, DHCP, APIPA(Auto IP), WINS/NetBIOS name resolution, DNS Resolver, mDNS, LLNMR responder, LPR/LPD, Custom Raw Port/Port9100, POP3, SMTP Client, IPP/IPPS, FTP Client and Server, CIFS Client, TELNET Server, SNMPv1/v2c/v3, HTTP/HTTPS server, TFTP client and server, ICMP, Web Services (Print), SNMP Client, LDAP, IMAP4

IPv6

NDP, RA, DNS resolver, mDNS, LLNMR responder, LPR/LPD, Custom Raw Port/Port9100, IPP/IPPS, POP3, SMTP Client, FTP Client and Server, CIFS Client, TELNET Server, SNMPv1/v2c, HTTP/HTTPS server, TFTP client and server, ICMPv6, SNTP Client, LDAP, ~~Print~~ may access the device over the network (IPv4 only)

Security Features

E-mail Notifications

Automatically configure the device to send e-mail alerts when it requires attention, such as when the toner is low or needs replacing

Secure Function Lock 3.0

Restrict printing activity to individual or groups of users over a network. Can be used with login username for up to 200 users

Automatic Intrusion Detection

All Brother Print devices are secure by design. Devices automatically recognise security attacks and take preventative measures, including rebooting where necessary, in order to ensure the device remains secure.

Digitally-signed Firmware

The firmware for Brother Print devices is digitally signed and secure.

Active Directory/LDAP Authentication

Utilise existing infrastructure to restrict access to Brother devices using AD/LDAP. Staff can easily use their existing network login credentials to authenticate.

Port-based Network Access Control (IEEE 802.1x)

Brother devices are in full compliance with this standard, to allow connection to an 802.1x EAP (Extensible Authentication Protocol) protected network.

Restrict network protocols

The Protocol Control feature allows an administrator to restrict communication protocols (e.g. FTP, Telnet) as required.

Duty Cycles

Recommended Monthly

Up to 10,000 pages monthly print volume

Maximum Monthly

Up to 150,000 pages monthly print volume

Environment

Power Consumption¹⁴

Printing - 805W (390W in quiet mode), Ready - 34W, Sleep - 8W, Deep Sleep - 1.6W, Power Off - 0.04W, Networked Standby - 3.7W
(All figures are average values)

TEC Value

2.379kWh / Week

Sound Pressure Level¹⁶

Printing - 57dba, Quiet Mode printing - 53dba, Ready - up to 35dba

Sound Power¹⁴

Printing - 6.76BA, Quiet Mode printing - 6.47BA, Ready - up to 4.8BA

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

Supplies and Accessories

Inbox Toner

20,000 pages¹

Standard Yield Toner (TN-3430)

3,000 pages¹

High Yield Toner (TN-3480)

8,000 pages¹

Super High Yield Toner (TN-3512)

12,000 pages¹

Ultra High Yield Toner (TN-3520)

20,000 pages¹

Drum Unit (DR-3400)

Approx 50,000 pages at 3 pages per job
Approx 30,000 pages at 1 page per job

Dimensions and Weights

Without Carton (WxDxH)

400 x 396 x 288mm - 13.4kg

With Carton (WxDxH)

497 x 492 x 531mm - 16kg

1 Approx declared yield value in accordance with ISO/IEC 19752.

2 Calculated with 80g/m² paper.

3 Windows® & Mac® only.

4 Windows® only.

5 Available for download.

6 Number of printed pages per month can be used to compare designed durability between Brother products. For maximum printer life, it is best to choose a printer with a duty cycle that exceeds your print requirements.

7 Requires Brother Software.

8 Based on ISO/IEC 24734.

9 Based on ISO/IEC 17629.

10 Based on ISO/IEC 24735.

11 Based on ISO/IEC 17991.

12 Requires an Internet connection.

13 Wi-Fi Direct supports WPA2-PSK (AES) only.

14 All values are approximate; power consumption varies depending on the usage environment or part wear.

15 Based on ISO 7779

16 Based on RAL-UZ171



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

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