

Professional Colour Laser Printer

Robust, high-quality,
and responsibly designed

Designed to meet the demands of modern workplaces, the HL-L8430CDW combines fast print speeds and reliable colour output with robust security features you can depend on. Built with high-quality, durable components, it offers the reliable build quality required of a professional business device. Sustainability is at the heart of the HL-L8430CDW's design, helping organisations reduce their environmental impact.

HL-L8430CDW

Key features

- Print up to 31ppm
- 2-Sided print up to 20 sides per minute
- WiFi 2.4GHz
- Gigabit ethernet
- 250 Sheet paper tray
- 50 Sheet Multi-Purpose input tray
- Auto paper low/empty detection
- 3,000 black, 1,800 colour page yield toners



PRINT



WIRELESS

FPOT
Less than
9.9 Seconds

250
Sheet Optional
Paper Tray

NFC
Secure
Authentication

Playing our part for Sustainability

Smarter Packaging.
Lighter Environmental Impact.

Brother continues to advance sustainability through engineering innovation. Brother's new printer series features EPS-free, recyclable packaging engineered for reliable protection and logistics efficiency.



Productivity

Reliable performance, made to last

- Robust design, built for demanding businesses
- Reduce downtime with fewer replacements by using high capacity toners
- Keep printing for longer with scalable paper capacity
- Smarter Maintenance, Zero Downtime: Upgrade Your Workflow with Brother's New User-Replaceable Fuser Unit and Paper Feed Kit designed to keep your business running. Tool-free, technician free replacement and minimising operational disruption.



Secure by design

Device Security

Your device protects your business by minimising attack surfaces through:

- Secure user access via LDAPS, Active Directory, and NFC authentication
- Controlled privileges using Secure Function Lock and Setting Lock
- System integrity ensured by intrusion detection, Secure Boot, and digitally signed firmware

Network Security

Your network is protected with flexible, industry-standard tools including:

- Intrusion protection through protocol control, interface restrictions, and IPv4 filtering
- Secure connections via IEEE 802.1X for enterprise wired and wireless networks
- Encrypted communication using TLS, SSH, IPSEC, HTTPS, and SNMPv3
- Centralised management with Device Master Settings, BRAdmin Pro 4, and Mass Deployment Tool
- Syslog reporting for seamless real-time SIEM integration

Document Security

Your documents are protected through:

- Encrypted transfer via IPPS/HTTPS for printing
- Non-persistent memory, ensuring data is wiped after each job or reboot
- Secure print release, so documents only print when you're ready to collect them
- 3rd party integration via Brother Solutions Interface (BSI), to streamline workflows



Supplies

Toners



- TN665** (inbox)
3,000BK, 1,800 CMY
- TN665XXL**
7,500BK, 6,500 CMY
- TN667**
10,000BK/CMY

Accessories

Optional Lower Trays

- LT-350CL**
250 Sheet Lower Tray x 2 pcs
(Max 500 sheets)
- LT-360CL**
520 Sheet Lower Tray x 2 pcs
(Max 1,040 sheets)

Replaceable parts



Drum Unit
DR665CL
Approx. 50,000 pages
(3 pages/job)



Belt Unit
BU635CL
Approx. 100,000 pages
(3 pages/job)



Waste Toner Box
WT229CL
Approx. 50,000 pages
(5 pages/job)



Fuser Unit
FD-5000
Approx. 100,000 pages
(5 pages/job)

**Paper Feed Kit
for MP Tray**
PF-M5000
Approx. 50,000 pages
(5 pages/job)



General

Technology

Electrophotographic (Laser)

Laser Classification

Class 1 Laser Product

Memory

512MB internal

Processor

1200 MHz

Control Panel

6.8cm Colour
Touchscreen LCD

Local Interface¹⁵

Hi-Speed USB 2.0,
USB 2.0 Host (Front)

Wired Network interface

GigE (10Base-T/100Base-TX/
1000Base-T)

Wireless Network interface

2.4GHz: IEEE 802.11b/g/n
(Infrastructure Mode),
Vertical Pairing

Wi-Fi Direct®

Print wirelessly without having to use a wireless access point (both automatic and manual methods supported)

Warranty

Brother 3-Year Warranty

When you purchase a Brother printer and our genuine inks or toners, we'll support you every step of the way with our FREE 3-year* warranty commitment. YOU DO NOT NEED TO REGISTER YOUR PRODUCT, our warranty is automatic when you purchase your Brother printer. To keep your Brother machine running in optimal condition, we recommend using only Brother Genuine Consumables, this will ensure you automatically enjoy our exclusive 3-year* warranty.



*Effective 1 September 2025. Valid only for products purchased in South Africa.

Print^{8,20}

Print Speed (A4)

Up to 31ppm
(pages per minute)

Print Speed 2-Sided (A4)

Up to 20 sides per minute
(10 sheets per minute)

Resolution

2,400dpi (2,400 x 600dpi),
600 x 600dpi
(Horizontal x Vertical,
dots per inch)

FPOT

(First Print out Time)

Less than 9.9 seconds from
ready mode and standard tray

Warm up Time

Less than 15.1 seconds from
sleep mode

Driverless Printing Compatibility

Windows Modern Print Platform Ready

Supports seamless, driverless printing via IPP for instant setup on Windows 10 (21H2+) and Windows 11 devices

Mopria

Print common file types from supported Android mobile devices and Windows computers

Apple AirPrint

Print common file types from any AirPrint enabled application

Chrome OS™

Supports Work with Chromebook printing

Our printers support driverless printing across Windows, macOS, iOS, and Android devices for instant, secure, and hassle-free setup

Printer Functions

Direct Print

Print directly from the front USB host port using a USB flash memory drive. Supported formats include; PDF 2.0, JPEG, TIFF (scanned using brother model)

Print Complete Notice

A notification can be set to go to your computer when printing

Manual 2-Sided Print^{4,21}

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

Carbon Copy⁴

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

Header Footer Print^{3,21}

Add the date, time, login user name, or custom text to the top or bottom of each printed page

N-up Printing³

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

Poster Printing^{4,21}

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

Watermark Printing^{3,21}

Watermark your documents with predefined or user-defined text

Secure Print³

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

Paper Handling

Paper Input²

Standard (Tray 1)

250 Sheets

Multi Purpose Tray

50 Sheets, 10 Envelopes

Paper Output²

150 sheets face down

1 sheet face up (straight path)

2-Sided Print

A4

Media Sizes

Standard (Tray 1)

Letter, Legal, Executive, A4, A5, A5 (Long Edge), A6, Mexico Legal, India Legal, Folio, 16K (195 x 270mm)

Multi Purpose Tray

Width: 76.2mm - 216mm

Length: 116mm - 355.6mm

Envelopes; C5, Com-10, DL, Monarch

Optional Trays

Letter, Legal, Executive, A4, A5, Mexico Legal, India Legal, Folio, 16K (195 x 270mm)

Media Weights

Standard (Tray 1)

60 - 105gsm

Multi Purpose Tray

60 - 163gsm

Optional Trays

60 - 105gsm

Media Types

Standard (Tray 1)

Thin Paper, Plain Paper, Thick Paper, Recycled Paper

Multi Purpose Tray

Thin Paper, Plain Paper, Thick Paper, Recycled Paper, Bond Paper, Label, Envelope, Env. Thin, Env. Thick, Glossy Paper¹⁷

Optional Trays

Thin Paper, Plain Paper, Recycled Paper

Auto 2-Sided Print

Thin Paper, Plain Paper, Thick Paper, Thicker Paper, Recycled Paper, Glossy paper

Paper Input Sensors

Onscreen and optional email alert notifications when input trays are empty or running low

Connectivity

Mobile Connect

Use a Brother app to Print from a mobile device running iOS or Android operating system

Brother Print Service Plugin⁵

Print from Android devices without a dedicated App

Microsoft Universal Print

Organisations can manage their brother print infrastructure through cloud services from Microsoft

Web Connect^{9,13}

Without a PC you can download and print from Box, Microsoft SharePoint Online, Dropbox, Evernote, OneDrive, Google Drive™, OneNote

Email Print^{9,13}

Enables driverless printing via email.

Fleet Management Tools⁵

BRAdmin⁴

LAN/WAN management software

Auto Pull Configuration

The device periodically checks an encrypted settings file on a network location. If the device has been changed the file is used to change back to the desired state configuration

Embedded Web Server

Using the IP address or node name of your device access via USB or network via a web browser to the web based print management software embedded onto the device using an randomly encrypted password

Mass Deployment Tool

Provides a configuration interface to help manage and deploy device settings.

Software⁵

Brother iPrint&Scan

Print and check the machine status from Windows or macOS PC using Brother software

Print Support App⁴

As an alternative to Windows Modern Print this method enhances compatibility and ease of use by enabling printing without traditional printer drivers, making it a versatile and efficient solution for modern printing needs accessible through the Microsoft Store

Visit: support.brother.com for the full list of supported OS and to download the latest software
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Legacy Printer Drivers²⁰

PCL Driver⁴

Generic PCL XL driver

Universal Printer Driver⁴

BR-Script3 Driver that enables printing to any network or locally connected Brother laser printer that supports PostScript

Print Languages

PCL6, BR-Script3, PDF Version 2.0

Embedded Fonts (PCL)

73 scalable fonts, 12 bitmap fonts

Embedded Fonts (BR-script)

66 scalable fonts

Embedded Barcodes (PCL)

16 bar codes fonts - 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,B, C), EAN128 (set A,B,C), Code93, GS1Databar, MSI

Linux

Printer Driver (Linux, CUPS, LPD/LPRng)

Network Security

Wired Network Security

SMTP-AUTH, SSL/TLS (IPP, HTTP, SMTP, LDAP), SNMP v3, 802.1x (EAP-MD5, EAP-FAST, PEAP, EAP-TLS, EAP-TTLS), OAuth(SMTP), Kerberos, Ipsec

Wireless Network Security

WEP 64/128 bit, WPA-PSK (TKIP/AES), WPA2-PSK (TKIP/AES), WPA3-SAE (AES), SMTP-AUTH, SSL/TLS (IPP, HTTP, SMTP, LDAP), SNMP v3, 802.1x (EAP-FAST, PEAP, EAP-TLS, EAP-TTLS), OAuth(SMTP), Kerberos, IPsec, Wi-Fi Protected Setup® (WPS)¹⁰

IPv4

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

Display IP Address

The dynamic IP assigned to your device can be displayed on the home screen

IPv6

NDP, RA, DNS resolver, mDNS, LLNMR responder, LPR/LPD, Custom Raw Port/Port9100, IPP/IPPS, SMTP Client, FTP Server, CIFS Client, TELNET Server, SNMPv1/v2c/v3, HTTP/HTTPS server, TFTP client and server, ICMPv6, Web Services (Print), SNTN Client, LDAP, LDAPS, Syslog

IP Filter

Restrict which network users can or cannot access the device over the network

Security Features

E-mail Notifications

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

E-mail Reports

Receive usage reports on a regular basis via e-mail

Secure Boot

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 network access control feature allows an administrator to restrict communication protocols (e.g. FTP, Telnet) as required

Setting Lock

Configure secure access to the devices control panel by locking it

Secure Function Lock 3.0

Use a 4 digit pin or a password to identify and authenticate an individual or groups of users over a network. Allows access control with username for up to 200 users

Store Print Log

Allows audit of a print log file saved to CIFS server. Record ID, type, name, user, date, time, page count for every print job

Firmware Updates

In addition to allowing automatic updates to the latest version the printer can be set to not receive older firmware versions to avoid downgrade by an unauthorised user

SysLog

Allows IT Admin to access a single application (SIEM tool) to get device status updates for audit purposes over Syslog

Near-Field Communications

NFC Card Reader

Supports secure user authentication via NFC card reader for access control, and enables personalised workflows through NFC Shortcut configuration. Third-party card reader support requires additional purchase and can be connected to the front USB host and registered via the embedded web server

Developers

Brother Solutions Interface (BSI)

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

Supplies¹, Upgrades and Accessories

Inbox Toner

3,000 pages (BK)
1,800 pages (CMY)

Standard Toner

TN665
3,000 pages (BK)
1,800 pages (CMY)

Super High Yield Toner

TN665XXL
7,500 pages (BK)
6,500 pages (CMY)

Ultra High Yield Toner

TN667
10,000 pages (BK)
10,000 pages (CMY)

Drum Unit

DR665CL approx 50,000 pages
at 3 pages per job

Belt Unit

BU635CL approx. 100,000
pages at 3 pages per job

Waste Toner Box

WT229CL approx 50,000 pages
at 5 pages per job

Fuser Unit

FD-5000 approx 100,000 pages
at 5 pages per job

Paper Feed Kit for MP Tray

PF-M5000 approx 50,000 pages
at 5 pages per job

Carton Contents

Machine, Inbox Toners, Drum,
Belt, Waste Toner Box, Fuser,
PF Kit, Power Supply Cord,
Quick Set-Up Guide, Warranty
Card, USB Cable included

Optional Paper Trays²

250 sheet tray (LT-350CL)
Maximum combinations of up to
2 x LT-350CL

520 sheet tray (LT-360CL)
Maximum combinations of up to
2 x LT-360CL

Dimensions and weights (WxDxH)

Printer w/o Carton

404 x 473 x 338mm - 21.0kg

Optional Paper Trays

250 sheet tray:
404 x 446 x 100mm - 3.25kg

Duty Cycle

Recommended Monthly

Up to 5,000 pages monthly
print volume

Maximum Monthly⁶

Up to 60,000 pages monthly
print volume

Environment

Power Requirement

AC 220-240V, 50/60Hz

Power Consumption¹¹

Printing - 540W
(330W in quiet mode)
Ready 60W
Sleep 7.6W
Networked Standby 7.1W
Deep Sleep 0.4W
Power Off 0.04W

Sound Pressure¹²

Printing: 49dbA
Quiet Print Mode: 44dbA
Default Ready: 31dbA

Sound Power¹²

Printing: 6.54BA
Quiet Print Mode: 5.91BA
Default Ready: 4.48BA
Deep Sleep: 3.38BA

TEC Value

0.40 kWh/Week

Eco Mode

With seamless functionality
the eco control system of the
printer is designed to ensure
lower noise levels, consume
less energy when not in use and
optimise toner usage which all
help to reduce the total cost of
ownership

Operating Environment

Humidity 20 - 80%
Temp 10° - 32.5° centigrade
50° - 90.5° fahrenheit

Storage Environment

Humidity 35 - 85%
Temp 0° - 40° centigrade
32° - 104° fahrenheit

Computer Platforms

Windows

Windows 11
(Home|Pro|Education|Enterprise)
Windows 10
(Home|Pro|Education|Enterprise)
(32 or 64 bit editions)
Windows Server
2025, 2022, 2019, 2016

Linux

Supported Package
management System:¹⁹
dpkg, rpm

Macintosh¹⁸

macOS 13 or greater

ChromeOS™

Compatible with Chromebooks,
including “Works with
Chromebook” certified
printing support

Visit: support.brother.com for the full list of supported OS and to download the latest software

Certification

Wi-Fi CERTIFIED:

Wi-Fi Direct, Wi-Fi Protected
Setup, WPA3™ - Enterprise,
Personal

Mopria Certified

Ensures universal compatibility
for driverless printing across
Windows, Android, and
compatible mobile operating
systems

AirPrint

Print common file types from any
AirPrint enabled application

1. Approx declared toner yield value in accordance with ISO/IEC 19798. 2. Calculated with 80gsm sheets of paper. 3. Windows & macOS. 4. Windows only. 5. Free download from the Brother Solutions Centre <http://solutions.brother.com> 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 17629. 9. Requires an Internet connection. 10. Wi-Fi Direct supports WPA2-PSK (AES) only. 11. Measured according to IEC 62301 Edition 2.0. All values are approximate; power consumption varies depending on the usage environment or part wear. 12. In accordance with ISO 7779. 13. Requires additional activation. 14. May not be available in your region. 15. Third Party USB hubs not supported. 16. Requires installation of optional trays. 17. Set only a single sheet. 18. On macOS AirPrint only. 19. Red Hat Enterprise Linux 8.6 64bit, Red Hat Enterprise Linux 9.1 64bit, Fedora 39 64bit, Mageia 9 32bit, Mageia 9 64bit, openSUSE 15.5 64bit, SUSE Enterprise15-SP4 64bit, Debian 12.2.0 32bit, Debian 12.2.0 64bit, Ubuntu MATE 18.04 32bit, Ubuntu 22.04 64bit, Ubuntu 23.10 64bit, Linux Mint 21.2 64bit, Ubuntu 24.04 64bit. 20. Microsoft is transitioning towards driverless printing as the preferred standard. Legacy driver installations remain supported for customers with existing deployment requirements. 21. Advanced settings via legacy driver or the Print Support App only. 22. Compared to Brother's previous equivalent model. 23. Figure based on Brother's internal analysis at the time of publication. Figures may fluctuate depending on manufacturing methods and the availability of materials. 24. These results are based on Brother's internal calculations, compared to previous equivalent model. The CO₂ emissions scope covers C1 (Purchased goods and services), C11 (Use of sold products), and C12 (End-of-life treatment of sold products). Exact values may vary depending on country or region, manufacturing methods and the availability of materials.



brother
at your side

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