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
- Dual-band WiFi (2.4GHz and 5GHz)
- 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
- Available under a Managed Print Service (MPS) contract

PRINT

5GHz WIRELESS

FPOT
Less than 9.9 Seconds

250
Sheet Optional Paper Tray

NFC
Secure Authentication

Sustainability

Reducing our environmental impact

- Increase printer life and reduce downtime with easy to replace parts
- 100% EPS-free packaging for easy recycling
- Design and built to be remanufactured
- Made with up to 19% recycled plastic[23]
- Up to 31% reduction in Typical Energy Consumption (TEC)[22]
- Up to 12% reduction in CO_2 emissions[24]
- Blue Angel certified for meeting high environmental standards



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



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

brother at your side

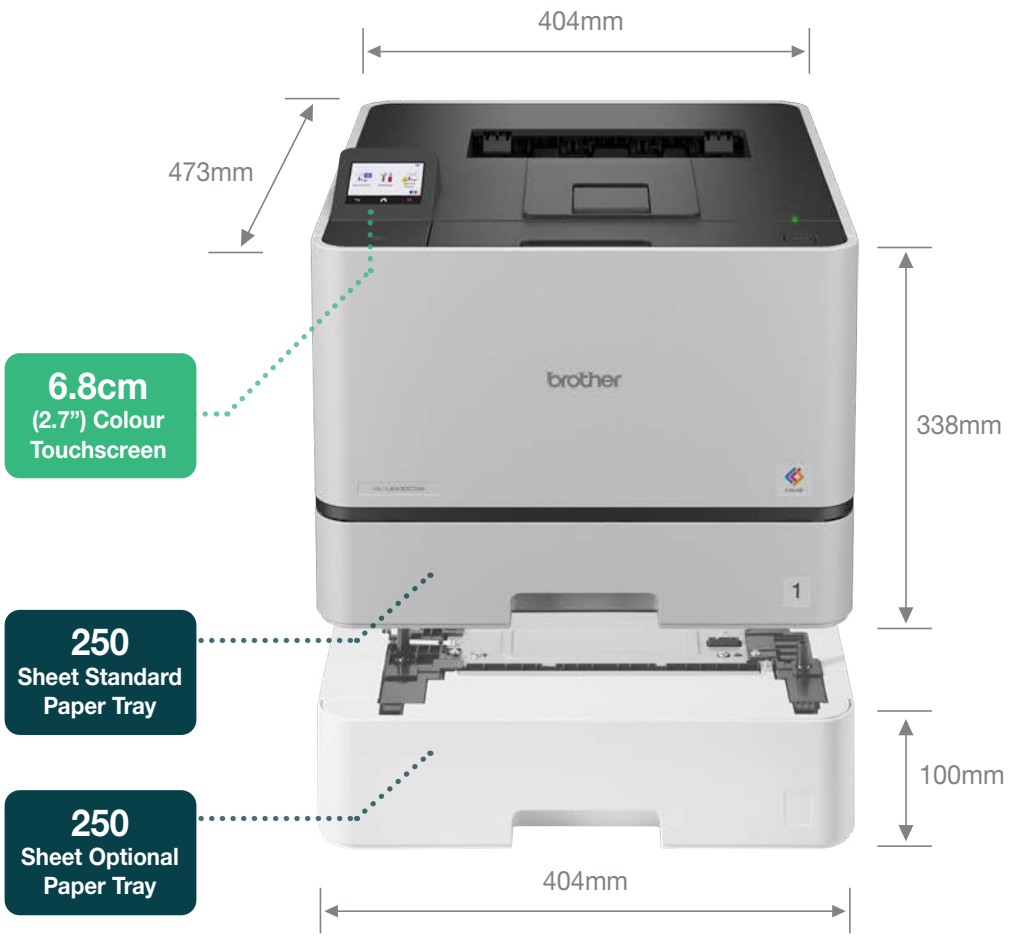
Brother MPS

Printing made simple with Brother MPS

Managed print services (MPS) supports you to get the best out of your devices. Whatever your printing needs, we'll be "At your side" to find the solution that simplifies printer admin, saves time, keeps costs down, and helps you stay productive.

Benefits include:

- **No long-term commitments**
- **Ink and toner delivery before you run out**
- **Quick breakdown support**
- **Easy supplies recycling**



Supplies

Toners

TN625 (inbox)
3,000BK, 1,800 CMY
TN625XL
5,500BK, 4,500 CMY
TN625XXL
7,500BK, 6,500 CMY

Accessories

Trays & cabinet

LT-350CL
250 Sheet Lower Tray
ZUNTBC4FARBLASER
Floor Standing Cabinet

Replaceable parts



Drum Unit
DR625CL



Belt Unit
BU635CL

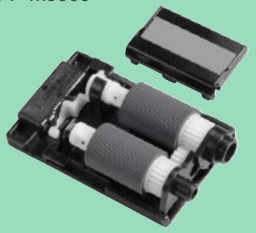


Waste Toner Box
WT229CL



Fuser Unit
FD-5000

Paper Feed Kit for MP Tray
PF-M5000



General

Technology
Electrophotographic (Laser)

Laser Classification
Class 1 Laser Product

Memory
512MB internal

Processor
1200 MHz

Control Panel
6.8cm (2.7") Colour Touchscreen LCD

Local Interface[15]
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
5GHz[14]: IEEE 802.11a/n (Infrastructure Mode), Vertical Pairing

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

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 Copy[4]
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

Skip Tray[16]
Configues your paper tray selection to avoid specific trays/ media for regular printing

N-up Printing[3]
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 Print[3]
Protect print jobs with a release code required at the device in order for them to be printed

Reverse Print[4,21]
Rotate the content of a printed document by 180°

Paper Handling

Paper Input[2]
Standard (Tray 1)
250 Sheets
Multi Purpose Tray
50 Sheets, 10 Envelopes

Paper Output[2]
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 Paper[17]
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 Plugin[5]
Print from Android devices without a dedicated App

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

Alexa Print[15]
Print using Echo device and printer connected to the same network

Brother Apps[9]
Cloud Secure Print

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 Tools[5]

BRAdmin[4]
LAN/WAN management software

Clone Device Settings
Copy settings and configurations from one machine to another via a USB flash drive

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.

Software[5]

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

Print Support App[4]
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
All trademarks, brand and product names are property of their respective companies

Legacy Printer Drivers[20]

PCL Driver[4]
Generic PCL XL driver

Universal Printer Driver[4]
BR-Script3 Driver that enables printing to any network or locally connected Brother laser printer that supports PostScript

Print Languages
PCL6, BR-Script3

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, LLMNR 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), SNTP 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, LLMNR 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), SNTP 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 secures 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

Cloud Secure Print[9]
Enables password protected driverless print job release

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

Integrated support for NFC
include: (ISO14443 Type A) MIFARE Standard / Plus / Ultralight / Ultralight C / DESfire / my-d move (ISO15693 Type B) Tag-it

External NFC Card Reader Support
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; TWN3 MIFARE NFC; TWN3 Multi ISO; TWN4 MIFARE NFC

Developers

Brother Solutions Interface (BSI)
Create powerful cloud and on premise solutions directly integrating the advanced print, scan and security capabilities of Brother devices. For more information visit: www.brother.eu/developers

Supplies[1], Upgrades and Accessories

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

Standard Toner
TN625
3,000 pages (BK)
1,800 pages (CMY)

High Yield Toner
TN625XL
5,500 pages (BK)
4,500 pages (CMY)

Super High Yield Toner
TN625XXL
7,500 pages (BK)
6,500 pages (CMY)

Drum Unit
DR625CL 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, (PC interface cable NOT included)

Filter Holder
FH-3000 (Germany Only)

Optional Paper Trays[2]
250 sheet tray (LT-350CL)
Maximum combinations of up to 2 x LT-350CL

Optional Cabinet
ZUNTBC4FARBLASER Brother professional colour laser floor standing printer cabinet

Dimensions and weights (WxDxH)

Printer w/o Carton
404 x 473 x 338mm - 21.0kg
inc. TN/DR/WT/BU/FD/PF

Printer with Carton
606 x 561 x 501mm - 26.6kg

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

Optional Cabinet
410 x 484 x 400mm - 10kg

Duty Cycle

Recommended Monthly
Up to 5,000 pages monthly print volume

Maximum Monthly[6]
Up to 60,000 pages monthly print volume

Environment

Power Requirement
AC 220-240V, 50/60Hz

Power Consumption[11]
Printing - 540W
(330W in quiet mode)
Ready 60W
Sleep 7.6W
Networked Standby 7.1W
Deep Sleep 0.4W
Power Off 0.04W

Sound Pressure[12]
Printing: 49dbA
Quiet Print Mode: 44dbA
Default Ready: 31dbA

Sound Power[12]
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

Macintosh[18]
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

Disk Space Requirements

50MB - Windows drivers only
1.8GB - Windows 11, 10, applications inc drivers

500MB - macOS applications

20MB - Linux drivers only

Certification

Blue Angel

Nordic Swan

GS Mark

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

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

AirPrint

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 $C0_2$ 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.

mopria ALLIANCE

Wi Fi CERTIFIED

Wi-Fi PROTECTED SETUP™

AirPrint

brother at your side

Brother Earth

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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