Professional Compact Colour LED Printer

with high-quality intuitive printing

HL-L8230CDW

PRINT

5GHz WIRELESS

Professional Compact Colour LED Printer

The space-saving HL-L8230CDW professional colour LED printer.

Ideal for businesses, this user-friendly printer quietly delivers high-quality documents at speed without interruption.

HL-L8230CDW

Key features:

- Print up to 30 pages per minute
- 2-Sided print, up to 12 sides per minute
- 6.8cm Colour touchscreen
- 5GHz WiFi and USB
- Print directly from desktop, USB or mobile app
- 512MB Internal memory
- 250 Sheet paper input tray[11]
- Comes with 1,000 black, 1,000 colour page yield toners, 4,500 black, 4,000 colour maximum yield available[7]
- Compatible with Brother and 3rd Party solutions[19]
- Available under a managed print service (MPS) contract

Quiet without compromise

With its streamlined design, the HL-L8230CDW is engineered to print quietly whilst delivering speeds up to 25% faster than the previous generation. So you can print continuously without distraction and focus on your business.

Compact and expertly engineered

Designed by experts, our most compact, professional colour printer delivers high-quality outputs every time, allowing you to make the most of your office space. Every component has been optimised to reduce the overall size of the device without compromising on performance.

With easy paper access, the HL-L8230CDW has been developed for high print volume to meet the needs of a busy office.

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Solutions ready

Automate workflows and improve business processes and security with print management solutions. We offer a suite of document management, security and workflow solutions which can be added to the HL-L8230CDW to provide additional professional features to further improve your business processes.

Seamless integration

As a Brother customer, you will have access to a wide choice of leading software vendors including Kofax, YSoft and many more.

We work closely with our software partners across print management and document capture to create tailored solutions for your specific requirements. When we partner with a software vendor, we ensure your HL-L8230CDW works even harder to meet your needs.

Make printing simple with Brother MPS

Managed print services (MPS) supports you to get the best out of your devices. That's why the HL-L8230CDW has been designed with MPS in mind.

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, with:

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

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Secure
by design

To keep pace with the ever-evolving legislation on privacy and data security, our devices offer the latest industry-standard security features to securely protect your data.

All our products are secure as standard. With businesses shifting towards Zero Trust environments, we know that security is your highest priority. Our security experts continuously research new enhancements to products, solutions and services to proactively ensure all our products are 'secure by design'.

The HL-L8230CDW provides a range of robust features. It uses triple-layer security at a device, network and document level which is verified through external security certification. This offers added peace of mind and guarantees that the integrity of your data is maintained at every step

The HL-L8230CDW comes with a flexible suite of security features and solutions that can be tailored to your business, enabling you to easily audit, control and manage your fleet of devices securely.

## Your device protects your business by reducing its attack surface through:

Restricting user access - by using LDAPS or Windows Active Directory, only authorised users are able to access the device.

Restricting privileges at a device level - with Secure Function Lock and Setting Lock, only authorised users are permitted access to specific functions.

Maintaining device integrity - with runtime intrusion detection, Secure Boot, digitally signed firmware and end-to-end encrypted connections, devices are always performing at their optimum level of security.

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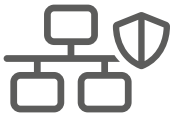
Your network is protected with flexible industry standard features and management tools including:

Intrusion protection - with protocol management, interface restrictions and IPV4 filtering, you have the flexibility to adapt device settings to your business.

Secure connection - securely connect to enterprise level wireless networks through industry standard IEEE 802.1X.

Secure encrypted communication - by using flexible industry standards such as TLS, IPSEC, HTTPS and SNMP3, your business can tailor the device to its network.

Easily manage and configure your security profile - using Device Master Settings, BRAdmin Pro 4 and Mass Deployment Tool, your business can apply settings to entire fleets of devices.

Audit your devices - using SIEM integration through Syslog, you can gather real time usage information on your devices.

Your documents are protected through encryption, storage protection and secure print solutions including:

Encrypted document transfer - when you send your print data from your computer to the device, IPPS/HTTPS encryption ensures your data is secure and unreadable.

Non-persistent internal memory - all print job data is automatically wiped during a reboot and data is purged, ensuring no information is left on the device.

Secure print release - using a Brother secure print solution, documents are only released when you are ready to print and collect them.

3rd party integration - through Brother Solutions Interface (BSI), our devices can be fully integrated with trusted 3rd party partners such as Kofax and YSoft, which adds an extra layer of security to your business.

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General

Technology
Electrophotographic LED

Memory
512MB

Control panel
6.8cm Colour
Touchscreen LCD

Local Interface
Hi-Speed USB 2.0

Wireless Network
2.4GHz and 5GHz Support

Carton Contents
Device, Inbox Toners, Drum
Unit, Belt Unit, Waste Toner Box,
Power Supply Cord, Quick
Set-Up Guide, Warranty Card

Print

Print Speed (A4)
1-Sided: 30ppm Mono/Colour
2-Sided: 12 sides per minute
Mono/Colour

**FPOT
(First Print Out Time)**
Up to 12.5 Seconds
Mono/Colour

Quiet Mode
A mode to reduce the
printing noise

Resolution
Up to 600 x 600dpi

Print Languages
PCL5e, PCL5c, PCL6
(PCL XL Class 3.0),
BR-Script3, PDF Version 1.7

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

**Embedded Barcodes
(PCL)**
16 bar codes*
*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, set B, set C), EAN128
(set A, set B, set C), Code93,
GS1Databar, MSI

**Embedded Fonts
(Postscript)**
66 scalable fonts

Printer Functions

N-up Printing
Reduce up to 25 pages into
a single page

Poster Printing
Enlarge a single page into a
poster using 2x2, 3x3, 4x4
or 5x5 pages

Toner Save Mode
Use the Toner Save Mode to
reduce toner consumption
without affecting print speed

Watermark Printing
Watermark your documents
with predefined text, custom
logo or custom messages

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

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

Print Profiles
Store your favourite driver
settings as profiles to easily
recall them

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

Reverse Print
Rotate the content of a printed
document by 180°

Print Complete Notice
A printing notification can be set
to go to your computer

Secure Print
Protect print jobs with a 4 digit
release code required at the
device in order for them to
be printed

**Universal Print
(Microsoft 365)**
Print effortlessly with native
Universal Print support on
Brother printers

Printer Driver

Windows
Windows 11
(32 and 64 bit editions)
and more

macOS
Printing via macOS requires the use of AirPrint. Mac drivers are not provided.

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

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

ChromeOS
Supports native ChromeOS printing

PCL Driver
PCL6 (Standard)

Universal Printer Driver
Driver for Windows that enables you to print to any network or locally connected Brother printer

Paper Handling[11]

Paper Input
Standard Tray
250 Sheets

Multi Purpose Tray
30 Sheets

Paper Output
150 sheets A4

Envelope Printing
Yes from multi purpose tray

Media Sizes
Standard Tray
A4, Letter, Legal, Mexico Legal, India Legal, Executive, A5, A5 Long Edge, A6, B5 (JIS), B5 (ISO), B6 (JIS), A4 Short (270mm), Folio, 16K (195 x 270mm)

Multi Purpose Tray
Width 76.2 to 216 mm
Length 116 to 355.6 mm
Envelope: COM-10, DL, C5, Monarch

Auto 2-Sided
A4

Media Type and Weights
Standard Tray
Plain Paper, Thin Paper, Thick Paper, Recycled Paper
60-163gsm

Multi Purpose Tray
Plain Paper, Thin Paper, Thick Paper, Recycled Paper, Bond, Label, Envelope, Env. Thin, Env. Thick, Glossy Paper
60-163gsm

Auto 2-Sided
Plain Paper, Thin Paper, Recycled Paper
64-105gsm

Mobile and Web Connectivity

Brother Mobile Connect[17] (Android)
Print from, scan to, preview copies and check the machine status from an Android device

Brother Mobile Connect[17] (iPad / iPhone)
Print from, scan to, preview copies and check the machine status from an iPad / iPhone

Apple AirPrint[17]
Print from and scan to most common file types from any AirPrint enabled application

Brother Print Service Plugin[17]
Print from an Android device without a dedicated App.

Mopria™ [17]
Print most common file types from Mopria™ supported Android devices

Web Connect[18]
Print from and scan to without using a PC on Box, Dropbox, Evernote, OneDrive, Google Drive™ OneNote

Fleet Management Tools

Unattended Installer[16]
Ability to centrally deploy and customise our drivers and software

MSI Installer[16]
Modular installers that can be distributed through On-premise Active Directory

BRAdmin[16,17]
LAN/WAN management software

Embedded Web Server
Web based print management software embedded onto the device

Driver Deployment Wizard[16,17]
Easily create print drivers for hassle free deployment over your network

Mass Deployment Tool[16]
Provides a configuration interface to help manage and deploy device settings

Status Monitor[16]
Monitor the status of your machine from your computer

Software

Brother iPrint&Scan Desktop[15,17]
Print from, scan to, preview copies and check the machine status from Windows or macOS PC

Utilities
Provides setup guides, manual, FAQ, troubleshooting and contact to Brother customer service

Easy Setup
Simple access to drivers and software for the installation of your Brother machine from support.brother.com

Connectivity

Wireless Network
2.4GHz: IEEE 802.11 b/g/n (Infrastructure Mode)
IEEE 802.11 g/n (Wi-Fi Direct)

5GHz: IEEE 802.11 a/n (Infrastructure Mode)
IEEE 802.11 a/n (Wi-Fi Direct)

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

Wireless Setup Support
Wi-Fi Protected Setup (WPS)

Wireless Applications
Vertical Pairing

Mobile
Print from your mobile device with Brother Mobile Connect, Airprint, Mopria

Local Interface
Hi-Speed USB 2.0

Security Features

Wireless Network Security
WEP 64/128 bit, WPA-PSK (TKIP/AES), WPA2-PSK (TKIP/AES), WPA3-SAE (AES) *Wi-Fi Direct supports WPA2-PSK (AES) only.

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

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, LDAPS, IMAP4, Syslog

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, SNTP Client, LDAPS, Web Services (Print), Syslog

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

Secure Print
Protect print jobs with a 4 digit release code required at the device in order for them to be printed

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

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

Firmware Updates
In addition to allowing automatic update alerts to install the latest version the printer can be set to not receive older firmware versions to avoid downgrade by an unauthorised user

Cloud Secure Print
Enables password protected driverless print job release

Setting Lock
Secures access to the devices control panel by locking it

Certificate Management
Use the default standard self-signed, create a custom self-signed certificate, certificate signing request (CSR), or external public cerificate & private key for protected network communcation

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 for up to 100 users

Digitally-signed Firmware
The firmware for Brother print and scan devices is digitally signed and secure

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

On-Premise 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

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

Supplies and Consumables

Inbox Toner[8]
1 x 1,000 pages (BK)
1 x 1,000 pages (CMY)

Standard Yield Toner[8]
TN248
1,000 pages (BK)
1,000 pages (CMY)

High Yield Toner[8]
TN248XL
3,000 pages (BK)
2,300 pages (CMY)

Super High Yield Toner[8]
TN249
4,500 pages (BK)
4,000 pages (CMY)

Drum Unit
DR248CL
Approx. 30,000 pages
at 3 pages per job

Belt Unit
BU229CL
Approx. 60,000 pages
at 3 pages per job

Waste Toner Box
WT229CL
Approx. 50,000 pages
at 5 pages per job

Optional Accessories

Filter Holder
FH-3100
Used in Quiet Mode
(Germany Only)

Solutions and Upgrades[19]

Compatible with
Order Supplies, Remote Panel,
Request Help, ThinPrint Client,
SecurePrint+ Barcode Print+

3rd Party Compatibility

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

3rd Party Solutions
Compatible through Brother Solutions Interface (BSI) including Kofax ControlSuite, YSoft and more

Dimensions and Weights

With Carton (WxDxH)
488 x 535 x 370 mm - 19.70kg

Without Carton (WxDxH)
399 x 446 x 274 mm - 16.70kg

Duty Cycle

Recommended Monthly
Up to 4,000 pages

Operating Requirement

Power Requirement
220-240V
AC 50/60Hz

Operating Environment
Humidity 20 - 80 %
10°C - 32.5°C
50°F - 90.5°F

Storage Environment
Humidity 35 - 85 %
0°C - 40°C
32°F - 104°F

Environment

Approx Power Consumption[13,23]
Printing: 560W
Printing in quiet mode: 310W
Ready: 70W
Sleep: 10W
Deep Sleep: 0.5W
Power Off: 0.04W

TEC Value
0.48 kWh/week

Sound Power[12]
Printing: Mono 6.50B(A)
Colour 6.58B(A)
Ready: Inaudible
Quiet Mode: Mono 5.86B(A)
Colour 5.87B(A)
Deep Sleep: Inaudible

Sound Pressure[12]
PC Printing (Mono/Colour):
Approx. 48 dB(A)
Ready: Inaudible
Quiet Mode: 43 dB(A)

Toner Save
This reduces the toner
consumption to get more pages
from your consumables

Blue Angel
Yes

GS Mark
Yes

Nordic Swan
Yes

8   Approx. declared yield value in accordance with ISO/IEC 19798
11   Capacity calculated with 80gsm paper
12   Sound pressure and sound power level in accordance with ISO 7779
13   Power consumption power off is measured according to IEC 62301 Edition 2.0
15   Windows and macOS only
16   Windows only
17   Optional download
18   Requires an Internet connection
19   Requires additional activation
23   Power consumption is measured using ENERGY STAR Ver 3.1 test method network configuration

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