



# Professional Compact Colour LED Printer

with high-quality intuitive printing

**HL-L8230CDW**



PRINT



WIRELESS

[www.brother.eu](http://www.brother.eu)

## 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 or mobile app
- 512MB Internal memory
- 250 Sheet paper input tray<sup>11</sup>
- Comes with 1,000 black, 1,000 colour page yield toners, 4,500 black, 4,000 colour maximum yield available<sup>7</sup>
- Compatible with Brother and 3rd Party solutions<sup>19</sup>
- 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

## 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.



## 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.

### 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

Visit [support.brother.com](http://support.brother.com) for the full list of supported OS and to download the latest drivers and software.

## Paper Handling<sup>11</sup>

### 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<sup>17</sup> (Android)

Print from, scan to, preview copies and check the machine status from an Android device

### Brother Mobile Connect<sup>17</sup> (iPad / iPhone)

Print from, scan to, preview copies and check the machine status from an iPad / iPhone

### Apple AirPrint<sup>17</sup>

Print from and scan to most common file types from any AirPrint enabled application

### Brother Print Service Plugin<sup>17</sup>

Print from an Android device without a dedicated App.

### Mopria™<sup>17</sup>

Print most common file types from Mopria™ supported Android devices

### Web Connect<sup>18</sup>

Print from and scan to without using a PC on Box, Dropbox, Evernote, OneDrive, Google Drive™ OneNote

## Fleet Management Tools

### Unattended Installer<sup>16</sup>

Ability to centrally deploy and customise our drivers and software

### MSI Installer<sup>16</sup>

Modular installers that can be distributed through On-premise Active Directory

### BRAdmin<sup>16,17</sup>

LAN/WAN management software

### Embedded Web Server

Web based print management software embedded onto the device

### Driver Deployment Wizard<sup>16,17</sup>

Easily create print drivers for hassle free deployment over your network

### Mass Deployment Tool<sup>16</sup>

Provides a configuration interface to help manage and deploy device settings

### Status Monitor<sup>16</sup>

Monitor the status of your machine from your computer

## Software

### Brother iPrint&Scan Desktop<sup>15,17</sup>

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](http://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<sup>®</sup>

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/PPPS, 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/PPPS, 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 certificate & private key for protected network communication

### 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<sup>8</sup>

1 x 1,000 pages (BK)  
1 x 1,000 pages (CMY)

### Standard Yield Toner<sup>8</sup>

TN248  
1,000 pages (BK)  
1,000 pages (CMY)

### High Yield Toner<sup>8</sup>

TN248XL  
3,000 pages (BK)  
2,300 pages (CMY)

### Super High Yield Toner<sup>8</sup>

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<sup>19</sup>

### 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](http://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<sup>13,23</sup>

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<sup>12</sup>

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<sup>12</sup>

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

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