



Professional Compact Colour LED Printer

with efficiency and connectivity built-in

HL-L8240CDW



PRINT



WIRELESS

www.brother.eu

Professional Compact Colour LED Printer

All the features your business needs, in an expertly engineered, compact design.

The quietly efficient HL-L8240CDW produces fast, high-quality documents that your office can depend on.

HL-L8240CDW



Key features:

- Print up to 30 pages per minute
- 2-Sided print, up to 12 sides per minute
- 6.8cm Colour touchscreen
- Gigabit ethernet, 5GHz WiFi and USB
- Print directly from desktop, USB or mobile app
- 512MB Internal memory
- 250 Sheet paper input tray expandable up to 500 sheets¹¹
- Comes with 2,600 black, 1,400 colour page yield toners, 4,500 black, 4,000 colour maximum yield available⁷
- Compatible with Brother and 3rd Party solutions¹⁹
- NFC for secure authentication
- Available under a managed print service (MPS) contract

Quiet without compromise

With its streamlined design, the HL-L8240CDW 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-L8240CDW has been developed for high print volume to meet the needs of a busy office.

Flexibility that saves time

The HL-L8240CDW has been designed to seamlessly fit into your office space, whilst meeting the specific print requirements of your business. By adding an optional paper tray, it gives you the flexibility to increase the amount your business can print from the one device.

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-L8240CDW 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-L8240CDW 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-L8240CDW 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-L8240CDW 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-L8240CDW 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, Windows Active Directory together with NFC authentication, 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.



brother
at your side



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 wired and 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,
USB 2.0 Host (Front)

Wired Network

Gigabit Ethernet

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

Direct Print

Print directly from a USB flash
memory drive. Supported
formats include: PDF version
1.7, JPEG, Exif+JPEG, PRN
(created by own printer driver),
TIFF (scanned by Brother model)

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°

Carbon Copy

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

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 for the full list of supported OS and to download the latest drivers and software.

Paper Handling¹¹

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)

Optional Tray

A4, Letter, B5 (JIS), A5, Executive, Legal, Mexico Legal, India Legal, A4 Short (270mm Paper), 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

Optional Tray

Plain Paper, Thin Paper, Recycled Paper
60 to 105gsm

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 Connect¹⁷ (Android)

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

Brother Mobile Connect¹⁷ (iPad / iPhone)

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

Apple AirPrint¹⁷

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

Brother Print Service Plugin¹⁷

Print from an Android device without a dedicated App.

Mopria™¹⁷

Print most common file types from Mopria™ supported Android devices

Web Connect¹⁸

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

Fleet Management Tools

Unattended Installer¹⁶

Ability to centrally deploy and customise our drivers and software

MSI Installer¹⁶

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 Tool¹⁶

Provides a configuration interface to help manage and deploy device settings

Status Monitor¹⁶

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

Wired Network

Gigabit Ethernet (10Base-T/100Base-TX/1000Base-T)

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, USB 2.0 Host (Front)

Security Features

Wired Network Security

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

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 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

Near-Field Communications (NFC) / Card Reader Support

Integrated NFC Reader

Supported NFC standards include: (ISO14443 Type A) MIFARE Standard/Plus/Ultralight/Ultralight C/DESfire my-d move, Tag-it (ISO15693 Type B)

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

(3rd party card readers require additional purchase. Other card readers supported if registered via the embedded web server)

Supplies and Consumables

Inbox Toner⁸

1 x 2,600 pages (BK)
1 x 1,400 pages (CMY)

Standard Yield Toner⁸

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

High Yield Toner⁸

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

Super High Yield Toner⁸

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

Card Reader Holder

CH-1000
Optional external NFC Card reader holder

Filter Holder

FH-3100
Used in Quiet Mode
(Germany Only)

Paper Trays

250 sheet tray LT310CL

Solutions and Upgrades¹⁹

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 - 19.80kg

Without Carton (WxDxH)

399 x 446 x 274 mm - 16.80kg

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: 0.45W
Power Off: 0.04W

TEC Value

0.47 kWh/week

Sound Power¹²

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 Pressure¹²

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

All specifications correct at the time of printing and are subject to change. Brother is a registered trademark of Brother Industries Ltd. Brand product names are registered trademarks or trademarks of their respective companies.

