

HL-L8430CDW

Reliable Business-grade Colour Laser Printer



The Brother HL-L8430CDW is a reliable business-grade colour laser printer for print-led workplaces. Print speeds of up to 31ppm in mono and colour, with first page out under 9.9 seconds, keep day-to-day output moving. Three TN645 toner models - Standard, High-Yield and Super High-Yield - let cartridge cost match your print

volume for predictable per-page running costs. Triple-layer security at device, network and document levels protects your data, with NFC card authentication, dual-band Wi-Fi and Gigabit Ethernet for network connectivity.

General	
Engine	Colour Laser
Warranty	1 year return-to-base
Carton Contents	Printer, Quick Setup Guide, Power Cord Black Toner Up to 3,000 pages*, Colour Toner Up to 1,800 pages*, *In accordance with ISO/IEC 19798 Belt Unit: Up to 100,000 pages (3-page per job), Up to 50,000 pages (1-page per job)(BU-635CL). Waste Toner Box: Up to 50,000 pages (WT-229CL). Drum Unit: Up to 30,000 pages (1-page per job), Up to 50,000 pages (3-page per job) (DR-645CL)
CPU Speed	1200MHz
Standard Memory	512MB
Display	
LED Display	Green x 1 (Power)
LCD Display	6.8cm Colour LCD (Touchscreen)
Control Panel Switches	Cancel, Back, Home, Power On/Off
Printer	
Print Speed	Up to 31 ppm Mono / Up to 31 ppm Colour
2 Sided Print	Yes (Automatic)
2 Sided Print Speed	Up to 20/20ppm or 10/10ppm (Mono/Colour, based on ISO/IEC 24734)
Printer Resolution	600 x 600dpi, 2400dpi (2400 x 600) quality
First Print Out Time	Less than 9.9 secs Mono/Colour (From Ready mode and standard tray) Less than 25 secs Mono/Colour (From Sleep mode and standard tray)
Warm Up Time	Less than 15.1 sec from Sleep, Less than 26 sec from Power On
Emulation	PCL6, BR-Script3, PDF Version 2.0
Resident Fonts	PCL:73 scalable fonts, 12 bitmap fonts, 16 bar codes PS: 66 scalable fonts
Resident Font BR-Script 3	66 scalable fonts
Resident Font PCL	73 scalable fonts, 12 bitmap fonts, 16 bar codes
Resident Barcodes	
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	
Quiet Mode	Yes
Direct USB	Print
USB Host	Direct Print, External IC Card Reader
Direct Print Feature	
Digital-Media Spec	USB Memory Drive (Individual files no larger than 2GB). External drive must be exFAT formatted
Digital-Media Format	Print: PDF version2.0, JPEG, TIFF(scanned by Brother model), PRN-GDI or PS (created by own printer driver)
Connectivity	
Interface	Hi-Speed USB 2.0, 10Base-T/100Base-TX/1000Base-T Ethernet and 2.4GHz IEEE 802.11b/g/n Wireless, 5GHz IEEE 802.11a/n Wireless, Wi-Fi Direct, NFC
USB Interface	Hi-Speed USB 2.0
Wired Interface	10Base-T/100Base-TX/1000Base-T Ethernet
Wireless Interface	2.4GHz IEEE 802.11b/g/n, 5GHz IEEE 802.11a/n, Wi-Fi Direct IEEE 802.11a/g/n
Wireless Mode	2.4GHz IEEE 802.11b/g/n (Infrastructure), 5GHz IEEE 802.11g/n (Infrastructure), IEEE 802.11a/g/n (Wi-Fi Direct)
Wireless Setup Support Utility	Wi-Fi Protected Setup (WPS)
Wi-Fi Direct	Yes - Up to 4 connections
NFC	Yes
Network Protocols IPV4	ARP, RARP, BOOTP, DHCP, APIPA(Auto IP), WINS/NetBIOS name resolution, DNS Resolver, mDNS, LLNMNR 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), SNMP Client, LDAP, LDAPS, Syslog
Network Protocols IPV6	NDP, RA, DNS resolver, mDNS, LLNMNR 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), SNMP Client, LDAP, LDAPS, Syslog

Security	
Active Directory Authentication	Yes
LDAP	Yes
Wireless Security Protocols	WEP 64/128 bit, WPA-PSK (TKIP/AES), WPA2-PSK (TKIP/AES), WPA3-SAE (AES) *Wi-Fi Direct supports WPA2-PSK (AES) only.
Wireless Certification	Wi-Fi CERTIFIED, WPA3-Enterprise/Personal, Wi-Fi Protected Setup, Wi-Fi Direct
IPv4-Filter	IPv4, IPv6
Secure Function Lock	Version 3, 200 users

Network Management Utilities

Network Management	Windows: Web Base Management, BRAdmin Professional Mac: Web Base Management Linux: Web Base Management
Web Based Management	Yes
BRAdmin Professional	Windows only
Email Alerts	E-mail Notification and E-mail Reports
Store Print Log to Network	Yes

Mobile / Web Printing

Mobile Applications	Mobile Connect, Print Service Plugin
Mobile Connect	IOS/Android
Universal Print	Yes
Android Print Service Plugin	Yes
AirPrint	Yes
Mopria	Yes
IPP Everywhere	Yes
Google ChromeOS	Print
Web Connect	Print from: Google Drive, Evernote, DropBox, Box, OneDrive, OneNote, SharePoint Online

Software

Printer OS Compatibility	
Software Available	Windows: Scansoft Paperport 14SE and OCR, iPrint&Scan, BRAdmin Professional Mac: iPrint&Scan
Printer Driver Functions	Windows: Poster, N in 1, Header-Footer, Watermark, Duplex, Secure Print, Toner Save Mode Mac: N in 1, Header-Footer, Watermark, Duplex, Secure Print, Toner Save
iPrintScan Desktop	Windows/Mac
Manual Duplex	Yes
Watermark Printing	Windows/Mac
Header and Footer Printing	Windows/Mac
N-up Printing	Windows/Mac
Poster Printing	Windows only
Secure Print	Windows/Mac
Carbon Copy	Yes
Brother Solutions Interface	Yes
Light Solutions	ThinPrint Client, Barcode Print+, Secure Print+, Request Help, Order Supplies, Remote Panel, CustomUI (Apply for Activation Code from Brother)
Mass Deployment Tool	Windows only

Paper Handling

Standard Paper Capacity	Up to 250 Sheets
Multi-Purpose Tray Capacity	Up to 50 sheets / 10 Envelopes
Envelopes Input	Up to 10 envelopes face down (MP tray only) output via rear
Output Paper Capacity	Up to 150 Sheets Face Down (80gsm) 1 sheet face-up (straight paper path)
Media Size Paper Tray	A4, Letter, B5(JIS), B6(JIS), A5, A5(Long Edge), A6, Executive, Legal, A4SHORT, FOLIO, 16K(195x270 mm), India Legal, Mexico Legal
Media Size Paper Tray (Option)	A4, Letter, B5(JIS), A5, B6(JIS), Executive, Legal, A4SHORT, FOLIO, 16K(195x270 mm), India Legal, Mexico Legal
Media Size MP Tray	Width 76.2 to 216 mm, Length 116 to 355.6 mm Envelope: COM-10, DL, C5, Monarch

Media Size Duplex	A4, A4SHORT
Media Types Paper Tray	Plain Paper, Letterhead, Coloured Paper, Thin Paper, Recycled Paper
Media Types Paper Tray (Option)	Plain Paper, Letterhead, Coloured Paper, Thin Paper, Recycled Paper
Media Types MP Tray	Plain Paper, Letterhead, Coloured Paper, Thin Paper, Thick Paper, Recycled Paper, Bond Paper, Label, Envelope, Envelope Thin, Envelope Thick, Glossy Paper
Media Types Duplex	Plain Paper, Letterhead, Coloured Paper, Thin Paper, Recycled Paper, Glossy Paper
Media Weights Paper Tray	60 - 105 gsm
Media Weights Paper Tray (Option)	60 - 105 gsm
Media Weights MP Tray	60 - 163 gsm
Media Weights Duplex	60 - 105 gsm
Media Low or Out Sensor	Low and Out Detection for Standard and Optional Trays

Consumables

Consumables	Black Toner (TN-645BK) Up to 3,000 pages*, Colour Toner (TN-645C/TN-645M/TN-645Y) Up to 1,800 pages. Black Toner High Yield (TN-645XLBK) Up to 5,500 pages. Colour Toner High Yield (TN-645XLC/TN-645XLM/TN-645XLY) Up to 4,500 pages* Black Toner Super High Yield (TN-645XXLBK) Up to 7,500 pages* Colour Toner Super High Yield (TN-645XXLC/TN-645XXLM/TN-645XXLY) Up to 6,500 pages*
Inbox Consumables	Black Toner Up to 3,000 pages*, Colour Toner Up to 1,800 pages* Belt Unit: Up to 100,000 pages (3-page per job), Up to 50,000 pages (1-page per job)(BU-635CL). Waste Toner Box: Up to 50,000 pages (WT-229CL). Drum Unit: Up to 30,000 pages (1-page per job),Up to 50,000 pages (3-page per job) (DR-645CL)
Drum	Belt Unit: Up to 100,000 pages (3-page per job), Up to 50,000 pages (1-page per job)(BU-635CL). Waste Toner Box: Up to 50,000 pages (WT-229CL). Drum Unit: Up to 30,000 pages (1-page per job),Up to 50,000 pages (3-page per job) (DR-645CL)
Standard Yield Toner	Black Toner (TN-645BK) Up to 3,000 pages*, Colour Toner (TN-645C/TN-645M/TN-645Y) Up to 1,800 pages*
High Yield Toner	Black Toner High Yield (TN-645XLBK) Up to 5,500 pages* Colour Toner High Yield (TN-645XLC/TN-645XLM/TN-645XLY) Up to 4,500 pages*
Super High Yield Toner	Black Toner Super High Yield (TN-645XXLBK) Up to 7,500 pages* Colour Toner Super High Yield (TN-645XXLC/TN-645XXLM/TN-645XXLY) Up to 6,500 pages*

Options

Optional Paper Tray	250 sheets (LT-350CL) x 2 pcs or 520 sheets (LT-360CL) x 2 pcs or 250 sheets (LT-350CL) x 1 pcs + 520 sheets (LT-360CL) x 1 pcs (Max. 1,040 sheets)
Optional Warranty	1 or 2 or 3 Years On-Site

Weights & Measurements

Size	404(W) x 473(D) x 338(H)mm add 122mm(H) for optional 250 sheet tray add 154mm(H) for optional 520 sheet tray
Weight	20.8 Kg without consumables 21.2 Kg with consumables
Size With Carton	606(W) x 561(D) x 501(H)mm
Weight With Carton	26.3 Kg

Environment

Sleep Mode	0-50 min
Power Consumption	Peak: 1010W, Printing: 540W, Ready: 60W, Sleep: 7.6W, Deep Sleep: 0.4W, Power Off: 0.04W
TEC Value	0.4kWh/Week
Noise Level	Sound Pressure Level: (Printing) 49 dBA, (Ready) 31 dBA Sound Power Level: (Printing) 6.54 B, (Ready) 4.48 B
Temperature	Operating: 10 - 32.5°C, Storage: 0 - 40°C
Humidity	Operating: 20 - 80%, Storage: 35 - 85%
Toner Save	Yes
Power Save	Yes

Other

Recommended Monthly Print Volume	1,000 to 5,000 pages
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Disclaimers:

* Declared yield value in accordance with ISO/IEC 19798

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³ Via Airprint or iPrint&Scan



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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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