

# HL-L8250CDN

## High Speed Colour Laser Printer



### Top Features:

#### Fast Colour Printing

- Help increase office productivity with colour and mono print speeds up to 28ppm

#### High-Yield Replacement Cartridges

- Help lower your operating costs with optional high-yield replacement cartridges

#### Money & Paper Saving Features

- Print to both sides of a piece of paper, create professional looking booklets or merge multiple pages into one sheet

#### High-Quality Output

- Print professional colour documents with output up to 2,400 x 600dpi resolution

#### Built-in Networking

- Share with your workgroup via its built-in Ethernet network interface

#### Mobile Printing

- Support for Brother iPrint&Scan, Google Cloud Print<sup>®6</sup>, and Apple AirPrint



# Colour Laser Printer Range Datasheet

## HL-L8250CDN, HL-L8350CDW & HL-L9200CDWT

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### General

<b>Technology</b>	Electrophotographic Laser Printer
<b>Laser Classification</b>	Class 1 laser product (IEC 60825-1:2007)
<b>Processor</b>	StarSaphire (SS1000) 400MHz
<b>Automatic 2-Sided Printing</b>	Print on both sides of the paper automatically
<b>Print Speed Standard (A4)</b>	Up to 28ppm (pages per minute) colour & mono
<b>Print Speed 2-Sided (A4)</b>	Up to 14 sides per minute (7 sheets per minute) colour & mono
<b>Resolution</b>	2,400dpi (2,400 x 600dpi) & 600 x 600dpi
<b>Quiet Mode</b>	A mode to reduce the printing noise by reducing the print speed
<b>Memory</b>	128MB
<b>Optional Memory</b>	Expandable up to 384MB by adding 1 x 256MB DDR2 - 144pin
<b>Local Interface</b>	Hi-Speed USB 2.0 & USB Host
<b>Wired Network Interface</b>	Ethernet 10Base-T/100Base-TX
<b>Control Panel</b>	LCD: 2 line, 16 character backlit display Buttons: Go, Cancel, Secure, OK, Back, +, -
<b>FPOT (First Print Out Time)</b>	Less than 15 seconds colour & mono from ready mode
<b>Warm-Up Time</b>	Less than 29 seconds from sleep mode
<b>Print Languages</b>	PCL6, BR-Script3 (PostScript®3™ Language Emulation), Direct Print: PDF 1.7, XPS
<b>Embedded Fonts (PCL)</b>	66 scalable fonts, 12 bitmap fonts, 13 barcodes
<b>Embedded Fonts (Postscript)</b>	66 scalable fonts
<b>Embedded Barcodes (PCL)</b>	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)

### Printer Functions

<b>N-up Printing<sup>3</sup></b>	Reduce up to 2, 4, 9, 16 or 25 A4 pages into just one A4 page (Mac, up to 2, 4, 6, 9, or 16)
<b>Poster Printing<sup>4</sup></b>	Enlarge 1 A4 page into a poster using 4, 9, 16 or 25 A4 pages
<b>Watermark Printing<sup>4</sup></b>	Watermark your documents with predefined text or with your own user-defined messages
<b>ID Printing<sup>4</sup></b>	Add identification to your printed documents (date & time, short custom message or PC username)
<b>Automatic 2-Sided Print</b>	Print on to both sides of the paper automatically
<b>Manual 2-Sided Print<sup>4</sup></b>	Manual 2-sided printing (recommended for media not supported by automatic 2-sided print)
<b>Booklet Printing<sup>4</sup></b>	Print documents in A5 booklet format using automatic or manual 2-sided print
<b>Skip Blank Page<sup>4</sup></b>	Ignores any blank pages in your documents
<b>Print Profiles<sup>3</sup></b>	Store your favourite driver settings as profiles to easily recall them
<b>Print Text In Black<sup>4</sup></b>	Converts all text in your documents to black when printed
<b>Print Archive<sup>4</sup></b>	Save a PDF copy of every file printed for archiving purposes

<sup>1</sup>Approx declared yield value in accordance with ISO/IEC19798

<sup>2</sup>Calculated with 80g/m<sup>2</sup> paper

<sup>3</sup>Windows® & Mac® only

<sup>4</sup>Windows® only

<sup>5</sup>Optional free download from the Brother Solutions Centre <http://solutions.brother.com>

<sup>6</sup>Must be web connected

<sup>7</sup>Maximum number of printed pages per month can be used to compare designed durability between like Brother products. For maximum printer life, it is best to choose a printer with a duty cycle that far exceeds your print requirements

### Printer Driver

<b>Windows®</b>	Windows 8® (32 & 64 bit editions) Windows 7® (32 & 64 bit editions) Windows Vista® (32 & 64 bit editions) Windows® XP Professional (32 & 64 bit editions) Windows® XP Home Edition Windows® Server 2012 & 2008R2 Windows® Server 2008 (32 & 64 bit editions) Windows® Server 2003 (32 & 64 bit editions)
<b>Macintosh<sup>5</sup></b>	Mac OS X 10.7.5, 10.8.x, 10.9.x
<b>Linux<sup>5</sup></b>	CUPS, LPD/LPRng (x86/x64 environment)
<b>PostScript Universal Printer Driver</b>	Driver for Windows® that enables you to print to any network or locally-connected Brother laser printer that supports PostScript
<b>Mac Universal Driver</b>	Driver for Mac that enables you to print to any network-connected Brother laser printer that supports PostScript

### Mobile / Web Based Printing

<b>iPrint&amp;Scan (Android)</b>	Print directly from a smart phone or tablet running the Android Operating System
<b>iPrint&amp;Scan (iPad / iPhone / iPod)</b>	Print directly from an iPad / iPhone / iPod Touch
<b>iPrint&amp;Scan (Windows® Phone)</b>	Print directly from a smart phone running the Windows® Phone Operating System
<b>Print&amp;Scan (Windows® 8 &amp; RT)</b>	Print directly from a Windows® 8 or Windows RT Tablet
<b>Google Cloud Print<sup>6</sup></b>	Print most common file types from any Google Cloud Print enabled application
<b>Apple AirPrint</b>	Print most common file types from any Apple AirPrint enabled application

### Paper Handling

<b>Paper Input<sup>2</sup></b>	Standard Tray – 250 sheets Optional Tray – 500 sheets Multi Purpose Tray – 50 sheets
<b>Paper Output<sup>2</sup></b>	Face Down - 150 sheets Face Up (Straight Paper Path) - 1 sheet

### Media Specification

<b>Media Types &amp; Weights</b>	Standard / Optional Tray – plain & recycled paper (between 60 - 105g/m <sup>2</sup> ) Multi Purpose Tray - plain, recycled, bond & glossy paper (between 60 - 163g/m <sup>2</sup> ) Yes, from the Multi Purpose Tray: Accuracy & reliability will depend on the quality & type of envelopes or labels used
<b>Envelope &amp; Label Printing</b>	Standard Tray - A4, Letter, B5(JIS), A5, A5(Long Edge), A6, Executive, Legal, Folio (A4 only supported in automatic 2-sided print mode) Optional Tray - A4, Letter, B5(JIS), A5, Executive, Legal (A4 only supported in automatic 2-sided print mode)
<b>Media Sizes</b>	Manual Feed Slot - Width: 76.2mm to 215.9mm x Length: 127mm to 355.6mm

### Network & Security

<b>Wired Network</b>	Built in Ethernet 10Base-T/100Base-TX
<b>Network Protocols</b>	TCP/IP (IPv4 and IPv6)
<b>IPv4</b>	ARP, RARP, BOOTP, DHCP, APIPA(Auto IP), WINS/NetBIOS name resolution, DNS Resolver, mDNS, LLMNR responder, LPR/LPD, Custom Raw Port/Port9100, IPP/IPPS, FTP Server, TELNET Server, HTTP/HTTPS server, TFTP client and server, SMTP Client, SNMPv1/v2c/v3, ICMP, Web Services (Print), CIFS client, SNTp client
<b>IPv6 (off by default)</b>	NDP, RA, DNS resolver, mDNS, LLMNR responder, LPR/LPD, Custom Raw Port/Port9100, IPP/IPPS, FTP Server, TELNET Server, HTTP/HTTPS server, TFTP client and server, SMTP Client, SNMPv1/v2c/v3, ICMPv6, Web Services (Print), CIFS Client, SNTp Client
<b>Wired Network Security</b>	SMTP-AUTH, SSL/TLS (IPPS, HTTPS, SMTP), SNMP v3, Kerberos (for network printing), IPsec
<b>Enterprise Wired Network Security</b>	802.1x (EAP-MD5, EAP-FAST, PEAP, EAP-TLS, EAP-TTLS)
<b>Print Log To Network<sup>4</sup></b>	Records printing activities from each individual user, including network username, name of document printed and number of pages, to a file on a network
<b>E-mail Notifications</b>	Automatically have the device send an E-mail to a nominated E-mail address when it requires attention
<b>E-mail Reports</b>	Receive usage reports on a regular basis via E-mail
<b>IPv4 Restrict</b>	Restrict which network users can or cannot access the device over the network
<b>Secure Function Lock 3.0</b>	Restrict printing activity to individual or groups of users over a network. Can be used with PC User Login Name for up to 100 users
<b>Secure Print<sup>3</sup></b>	Protect print jobs with a 4 digit PIN that has to be entered at the control panel of the printer before printing
<b>Setting Lock</b>	Restrict access to the control panel by securing it with a 4 digit PIN

### Fleet Management Tools

<b>Embedded Web Server</b>	Web based print management software embedded onto the device
<b>BRAdmin Professional 3<sup>4&amp;5</sup></b>	LAN/WAN management software
<b>Driver Deployment Wizard<sup>4</sup></b>	Easily create print drivers for hassle free deployment over your network
<b>Unattended Installer<sup>4</sup></b>	Ability to centrally deploy and customise our drivers and software
<b>b-guard (additional purchase)</b>	Professional print fleet management software sold exclusively by Brother

### USB Host

<b>Direct Print</b>	Print directly from a USB flash memory drive. Supported file formats: PDF version 1.7, JPEG, Exif+JPEG, PRN (created by own printer driver), TIFF (scanned by Brother model), XPS version 1.0
<b>Optional NFC Support</b>	Connect optional supported USB NFC card readers for use with b-guard

### Supplies

<b>Inbox Toners</b>	Black Toner – 2,500 pages <sup>1</sup> Cyan, Magenta & Yellow Toners - 1,500 pages <sup>1</sup>
<b>Standard Yield Toners</b>	Black Toner (TN-321BK) 2,500 pages <sup>1</sup> Cyan Toner (TN-321C) 1,500 pages <sup>1</sup> Magenta Toner (TN-321M) 1,500 pages <sup>1</sup> Yellow Toner (TN-321Y) 1,500 pages <sup>1</sup>
<b>High Yield Toners</b>	Black Toner (TN-326BK) 4,000 pages <sup>1</sup> Cyan Toner (TN-326C) 3,500 pages <sup>1</sup> Magenta Toner (TN-326M) 3,500 pages <sup>1</sup> Yellow Toner (TN-326Y) 3,500 pages <sup>1</sup>
<b>Other Supplies</b>	Drum (DR-321CL) 25,000 A4 pages Belt (BU-320CL) Up to 50,000 pages Waste Toner Box (WT-320CL) Up to 50,000 pages Optional 500 sheet Lower Paper Tray (LT-320CL)
<b>Carton Contents</b>	Toner Cartridges, Drum, Belt, Waste Toner Box, Power Supply Cord, Driver Software For Windows®, Quick Set-Up Guide, PC Interface Cable NOT Included

The frequency of replacement consumables will vary depending on the complexity of the prints, the percentage of coverage, paper size, page per job, and the type of media. For example glossy coated paper will result in a shortened life of such supplies.

### Dimensions & Weight

<b>With Carton (WxDxH)</b>	600 x 524 x 513mm 25.5kg
<b>Without Carton (WxDxH)</b>	410 x 486 x 313mm 21.9kg

### Duty Cycles

<b>Recommended Monthly</b>	500 – 3,000 pages monthly print volume
<b>Maximum Monthly<sup>7</sup></b>	Up to 40,000 pages monthly print volume

### Environment

<b>Power Consumption</b>	Printing - 520W, ready - 65W, sleep - 7.5W, deep sleep - 0.9W, power down - 0.04W
<b>TEC Value</b>	2kWh / Week
<b>Sound Pressure Level</b>	Printing – 53.5dbA, quiet mode printing – 51.1dbA, ready – 27.9dbA
<b>Sound Power Level</b>	Printing – 6.75BA, quiet mode printing – 6.35, ready – 4.06BA
<b>Power Saving</b>	This enables the printer to consume less energy when not in use
<b>Toner Saving</b>	This reduces the toner usage and helps to reduce the total cost of printer ownership
<b>Energy Star</b>	Yes
<b>Blue Angel</b>	Yes
<b>Nordic Swan</b>	Yes



### 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)

This model is based on the HL-L8250CDN plus the additional specification below

## HL-L8350CDW

### Professional High Speed Colour Laser Printer



#### Built-in Wired & Wireless Networking

- Share with your workgroup via its built-in Ethernet or wireless 802.11b/g/n network interfaces

#### Super High-Yield Replacement Toners

- Help lower your operating costs with optional Super high-yield replacement cartridges

#### General

<b>Wireless Network Interface</b>	IEEE 802.11b/g/n
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#### Network & Security

<b>Wireless Network</b>	IEEE 802.11b/g/n (Infrastructure Mode / Adhoc Mode)
<b>Wi-Fi Direct™</b>	Print wirelessly without having to go through a wireless access point (both automatic and manual methods supported)
<b>Wireless Setup Support</b>	Wi-Fi Protected Setup (WPS) & AirStation One-Touch Secure System (AOSS)
<b>Wireless Applications</b>	Intel® My Wi-Fi Technology & Vertical Pairing
<b>Standard Wireless Network Security</b>	WEP 64/128 bit, WPA-PSK (TKIP/AES), WPA2-PSK (AES), SMTP-AUTH, SSL/TLS (IPPS, HTTPS, SMTP), SNMP v3, Kerberos (for network printing), IPsec
<b>Enterprise Wireless Network Security</b>	802.1x (LEAP, EAP-FAST, PEAP, EAP-TLS, EAP-TTLS),

#### Duty Cycles

<b>Recommended Monthly</b>	750 – 4,000 pages monthly print volume
<b>Maximum Monthly<sup>7</sup></b>	Up to 60,000 pages monthly print volume

#### Supplies

<b>Inbox Toners</b>	Black Toner – 2,500 pages <sup>1</sup> Cyan, Magenta & Yellow Toners - 1,500 pages <sup>1</sup>
<b>Standard Yield Toners</b>	Black Toner (TN-321BK) 2,500 pages <sup>1</sup> Cyan Toner (TN-321C) 1,500 pages <sup>1</sup> Magenta Toner (TN-321M) 1,500 pages <sup>1</sup> Yellow Toner (TN-321Y) 1,500 pages <sup>1</sup>
<b>High Yield Toners</b>	Black Toner (TN-326BK) 4,000 pages <sup>1</sup> Cyan Toner (TN-326C) 3,500 pages <sup>1</sup> Magenta Toner (TN-326M) 3,500 pages <sup>1</sup> Yellow Toner (TN-326Y) 3,500 pages <sup>1</sup>
<b>Super High Yield Toners</b>	Black Toner (TN-329BK) 6,000 pages <sup>1</sup> Cyan Toner (TN-329C) 6,000 pages <sup>1</sup> Magenta Toner (TN-329M) 6,000 pages <sup>1</sup> Yellow Toner (TN-329Y) 6,000 pages <sup>1</sup>

#### Environment

<b>Power Consumption</b>	Printing - 540W, ready - 65W, sleep - 7.5W, deep sleep - 0.9W, power down - 0.04W
<b>TEC Value</b>	2.1kWh / Week
<b>Sound Pressure Level</b>	Printing - 53.5dba, quiet mode printing - 50.6dba, ready - 27.9dba
<b>Sound Power Level</b>	Printing - 6.78BA, quiet mode printing - 6.35, ready - 4.06BA

This model is based on the HL-L8350CDW plus the additional specification below

## HL-L9200CDWT

### Professional High Volume Colour Workgroup Printer



#### Super High Yield Toners

- Low cost exclusive super high yield toner cartridges included inbox and available as a replacement

#### Additional Lower Tray

- Additional 500 sheet paper capacity for high volume printing

#### General

<b>Control Panel</b>	LCD: 4.5cm Colour Touchscreen Buttons: Cancel, Back, Home, ↑, ↓
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#### Mobile / Web Based Printing

<b>Cloud Support<sup>6</sup></b>	Print directly from Box, DropBox, Google Drive™ & OneDrive®
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#### Brother Apps

<b>Creative Center</b>	Download and print Creative Center content
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#### Solutions

<b>BSI (Brother Solutions Interface)</b>	Allows the use of 3 <sup>rd</sup> party solutions & apps, such as b-guard, to increase security & productivity
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#### Duty Cycles

<b>Recommended Monthly</b>	1,000 – 5,000 pages monthly print volume
<b>Maximum Monthly<sup>8</sup></b>	Up to 75,000 pages monthly print volume

#### Dimensions & Weight

<b>With Carton (WxDxH)</b>	810 x 597 x 887mm 39.5kg
<b>Without Carton (WxDxH)</b>	410 x 495 x 445mm 28.3kg

#### Environment

<b>Power Consumption</b>	Printing - 520W, ready - 65W, sleep - 8W, deep sleep - 1.1W, power down - 0.04W
<b>Sound Pressure Level</b>	Printing - 55.1dbA, quiet mode printing - 50.8dbA, ready - 27.3dbA
<b>Sound Power Level</b>	Printing - 6.78BA, quiet mode printing - 6.41, ready - 4.06BA

#### Network & Security

<b>Active Directory</b>	Restrict printing activity using Active Directory Authentication
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#### Paper Handling

<b>Paper Input<sup>2</sup></b>	Standard Tray - 250 sheets Lower Tray - 500 sheets
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#### Supplies

<b>Inbox Toners</b>	Black Toner - 6,000 pages <sup>1</sup> Cyan, Magenta & Yellow Toners - 6,000 pages <sup>1</sup>
<b>Super High Yield Toners</b>	Black Toner (TN-900BK) 6,000 pages <sup>1</sup> Cyan Toner (TN-900C) 6,000 pages <sup>1</sup> Magenta Toner (TN-900M) 6,000 pages <sup>1</sup> Yellow Toner (TN-900Y) 6,000 pages <sup>1</sup>

The frequency of replacement consumables will vary depending on the complexity of the prints, the percentage of coverage, paper size, page per job, and the type of media. For example glossy coated paper will result in a shortened life of such supplies.

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