

# HL-L5100DN

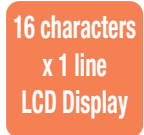
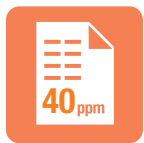
**brother**  
at your side

## Brother

### Monochrome Laser Printer

The networked printer is here

Print



Outstanding Printer  
for Small Workgroups

## Brother

# Monochrome Laser Printer

The networked printer is here



Print

**Built for small workgroups** this robust machine meets the needs of your business - combining excellent paper handling options, super fast print speeds and the new optional high-yield toner cartridges significantly reduces your print spend, making this machine the ideal print partner for your office.

## Top Features:

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Fast print speeds of up to 40ppm

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Combined paper input of 300 sheets

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Automatic 2-Sided Printing

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High-Yield Replacement Cartridges -  
Optional high yield 8,000<sup>1</sup>  
page toner cartridge

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16 characters x 1 line LCD display

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High speed wired (10Base-T/100  
Base-TX) network interface

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## Increase Productivity Levels

- Increase your workgroup productivity thanks to fast print speeds of up to 40ppm
- Maximise performance with high speed wired (10Base-T/100Base-TX) network interface
- Easy to use 16 characters x 1 line LCD display allows users to complete tasks with no hassle

## Complete Piece of Mind - Reliability

- New technology gives complete reliability enabling you to print up to 3,500 pages per month
- Outstanding paper handling options with a standard paper input capacity of 300 expandable to 1,340 and a standard 150 sheet output tray

## Low Cost Per Page

- Designed for high volume print environments the HL-L5100DN includes a 2,000<sup>1</sup> page yield toner cartridge and can take an optional 3,000<sup>1</sup> page or 8,000<sup>1</sup> page toner cartridge to lower your running costs even further
- We've not just equipped these printers with features designed to turn heads. We've also made sure their total cost of ownership gives them an even bigger advantage over the competition

## Meeting Your IT Challenges

- Modern businesses demand the highest levels of security. With Secure Function Lock 3.0 and Internet Protocol Security (IPsec). Plus, the range features Print Archive, Secure Reset and Certificate Management.

## General

<b>Technology</b>	Electrophotographic Laser Printer
<b>Laser Classification</b>	Class 1 Laser Product (IEC60825-1:2007)
<b>Processor</b>	Cortex-A9 800MHz
<b>Automatic 2-Sided Printing</b>	Print on to both sides of the paper
<b>Print Speed Standard (A4)</b>	Up to 40ppm (pages per minute)
<b>Print Speed 2-Sided (A4)</b>	Up to 20 sides per minute (10 sheets per minute)
<b>Resolution</b>	Up to 1,200 x 1,200 dpi
<b>Quiet Mode</b>	A mode to reduce the printing noise by reducing the print speed to 25ppm
<b>Memory</b>	256MB
<b>Local Interface</b>	Hi-speed USB 2.0
<b>Wired Network Interface</b>	10Base-T/100Base-TX
<b>Control Panel</b>	16 characters x 1 line LCD display
<b>FPOT (First Print Out Time)</b>	Less than 8 seconds from ready mode
<b>Warm Up Time</b>	Less than 1 second from sleep mode
<b>Print Languages</b>	PCL6, BR-Script3 (PostScript®3™ Language Emulation), IBM Proprinter XL, Epson FX-850, PDF version 1.7, XPS version 1.0
<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-Post-Net), 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>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 by not printing them
<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 colour text in your documents to solid black when printed
<b>Print Archive<sup>4</sup></b>	An electronic carbon copy feature that saves an electronic copy of all printed documents as a PDF file
<b>Carbon Copy<sup>4</sup></b>	Prints additional copies of the same document to paper taken from additional paper trays

1 Approx declared yield value in accordance with ISO/IEC19752.

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

3 Windows® & Mac® only.

4 Windows® only.

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

6 Must be web connected.

8 It is recommended to use the straight paper output path and the quiet mode feature with paper weights over 105g/m<sup>2</sup>.

9 Connection to wireless router required

## 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, SNTTP 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, ICMPv6, Web Services (Print), CIFS Client, SNTTP Client
<b>Wired Network Security</b>	SMTP-AUTH, SSL/TLS (IPPS, HTTPS, SMTP), SNMP v3, Kerberos, IPsec, 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 e-mail alerts when it requires attention, such as when the toner is low or needs replacing
<b>E-mail Reports</b>	Receive usage reports on a regular basis via e-mail
<b>IP Filter</b>	Restrict which network users can or cannot access the device over the network (IPv4 only)
<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 200 users
<b>Setting Lock</b>	Secures access to the devices control panel by locking it
<b>Secure Print<sup>9</sup></b>	Protect print jobs with a 4 digit release code required at the device in order for them to be printed

## Fleet Management Tools

<b>Unattended Installer<sup>4</sup></b>	Ability to centrally deploy and customise our drivers and software
<b>MSI Installer<sup>4</sup></b>	Modular installers that can be distributed through Active Directory®
<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

## Printer Driver

<b>Windows®</b>	Windows® 10 (32 & 64 bit editions) 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 Windows® Server 2012, 2012R2 & 2008R2 Windows® Server 2008 (32 & 64 bit editions) Windows® Server 2003 (32 & 64 bit editions)
<b>Macintosh<sup>5</sup></b>	OS X 10.8.5, 10.9.x, 10.10.x, 10.11.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>PCL Driver</b>	Universal PCL5e generic driver

## Standard Paper Handling

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

## Optional Paper Handling

<b>Paper Input<sup>2</sup></b>	250 sheet tray (LT-5500) - Maximum of 2 520 sheet tray (LT-6500) - Maximum of 2
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## Media Specification

<b>Media Types &amp; Weights<sup>8</sup></b>	<b>Standard &amp; Optional Trays</b> - plain, recycled, coloured and letterhead paper (between 60 - 120g/m <sup>2</sup> ) <b>Multi Purpose Tray</b> - plain, recycled, bond, coloured and letterhead paper (between 60 - 200g/m <sup>2</sup> ) <b>2-sided Print</b> - plain, recycled, coloured and letterhead paper (between 60 - 105g/m <sup>2</sup> )
<b>Envelope &amp; Label Printing</b>	Yes, from the Multi Purpose Tray: support for 10 envelopes up to 10mm total thickness
<b>Media Sizes</b>	<b>Standard Tray</b> - A4, Letter, A5, A5(Long Edge), A6, Executive, Legal, Folio, Mexico Legal, India Legal <b>Optional Trays</b> - A4, Letter, A5, Executive, Legal, Folio, Mexico Legal, India Legal <b>Multi Purpose Tray</b> - Width: 76.2mm to 215.9mm x Length: 127mm to 355.6mm <b>2-sided Print</b> - A4

## Supplies & Accessories

<b>Inbox Toner</b>	2,000 pages <sup>1</sup>
<b>Standard Yield Toner</b>	3,000 pages <sup>1</sup> (TN-3420)
<b>High Yield Toner</b>	8,000 pages <sup>1</sup> (TN-3440)
<b>Drum (DR-3400)</b>	50,000 pages at 3 pages per job 30,000 pages at 1 page per job
<b>Lower Tray (LT-5500)</b>	250 sheet optional paper input tray
<b>Lower Tray (LT-6500)</b>	520 sheet optional paper input tray
<b>Carton Contents</b>	Toner cartridge, drum, 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.

## Paper Input / Output Sensors

<b>Input</b>	Onscreen & optional email alerts notifying you when any of the optional input trays are nearly empty or empty
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## Mobile/Web Based Printing

<b>Brother iPrint&amp;Scan<sup>9</sup> (Android)</b>	Print and check the machine status from an Android device
<b>Brother iPrint&amp;Scan<sup>9</sup> (iPad / iPhone / iPod)</b>	Print and check the machine status from an iPad / iPhone / iPod Touch
<b>Brother iPrint&amp;Scan<sup>9</sup> (Windows® Phone)</b>	Print directly from a smart phone running the Windows® Phone Operating System
<b>Brother Print&amp;Scan<sup>9</sup> (Windows® 8 &amp; RT)</b>	Print directly from a Windows® 8 or Windows RT Tablet
<b>Google Cloud Print 2.0<sup>6&amp;9</sup></b>	Print most common file types from any Google Cloud Print enabled application
<b>AirPrint<sup>9</sup></b>	Print most common file types from any AirPrint enabled application
<b>Mopria<sup>9</sup></b>	Print most common file types from Mopria supported Android devices
<b>Android Print Service Plugin<sup>9</sup></b>	Print from Android devices without a dedicated App

## Environment

<b>Power Consumption</b>	Printing - 640W (390W in quiet mode), ready - 32W, sleep - 6.5W, deep sleep - 1.2W, off - 0.04W
<b>TEC Value</b>	1.763kWh / Week
<b>Sound Pressure Level</b>	Printing - 52dbA, quiet mode printing - 50dbA, ready - Up to 34dbA
<b>Sound Power Level</b>	Printing - 6.9BA, quiet mode printing - 6.47BA, ready - Up to 4.7 BA
<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

## Dimensions & Weights

<b>With Carton (WxDxH)</b>	485 x 450 x 377mm 12.7 Kg
<b>Without Carton (WxDxH)</b>	373 x 388 x 255mm 9.3 Kg

## Duty Cycles

<b>Recommended Monthly</b>	Up to 3,500 pages monthly print volume
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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](http://www.brotherearth.com)

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