

# Brother

## Mono Laser Printer

The ultra reliable mono laser printer

### Ideal for:



Up to 5 users



Printing up to 3.5k  
pages a month



Print

### Built with the busy office in mind

This ultra reliable device offers fast print speeds and excellent paper handling options. You can also reduce your print spend with optional high-yield toner cartridges making this machine the ideal print partner for your office.

### Increase productivity levels

- Productivity is increased significantly thanks to fast print speeds of up to 40ppm
- Maximise performance with high-speed wired (10Base-T/100Base-TX) network interface
- Easily print from mobile devices using the Brother iPrint&Scan app, Android print service plugin, Google Cloud Print 2.0, Mopria and AirPrint
- The easy-to-use 1 line, 16 character backlit LCD display, enables you to print with no complications

### Top Features:

Fast print speeds of up to 40ppm

Combined standard paper input of 300 sheets

Automatic 2-sided printing

High-yield replacement cartridges -  
Optional high-yield 8,000<sup>1</sup> page toner cartridge

1 line, 16 character backlit LCD display

High speed wired (10Base-T/100Base-TX) and USB 2.0 connectivity

### Complete peace of mind

- New build 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 sheets expandable to 1,340 sheets and a standard 150 sheet output tray

### Exceptionally low running costs

- Designed for the busy office the HL-L5100DN includes a 3,000<sup>1</sup> page toner cartridge and can take an optional 8,000<sup>1</sup> page toner cartridge to lower your running costs even further
- A range of solutions under the PrintSmart umbrella can help you reduce your print spend such as PrintSmart Cost Control

### Meeting your IT challenges

- This range gives you the highest levels of security, featuring Secure Function lock 3.0, Active directory connectivity and Internet Protocol Security (IPsec). Plus, the range also 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>Memory</b>	256MB
<b>Local Interface</b>	Hi-Speed USB 2.0
<b>Control Panel</b>	1 line, 16 character backlit LCD display
<b>Wired Network Interface</b>	10Base-T/100Base-TX
<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>FPOT (First Print Out Time)</b>	Less than 7.2 seconds from ready mode
<b>Automatic 2-Sided Printing</b>	Print on to both sides of the paper
<b>Print Languages</b>	PCL6, BR-Script3 (PostScript®3™ Language Emulation), IBM Proprinter XL, Epson FX-850 PDF version1.7, 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-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 pre-defined 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 text in your documents to 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

## Printer Driver

<b>Windows<sup>®</sup></b>	Windows <sup>®</sup> 10 (32 & 64 bit editions) Windows <sup>®</sup> 8 (32 & 64 bit editions) Windows <sup>®</sup> 7 (32 & 64 bit editions) Windows Vista <sup>®</sup> (32 & 64 bit editions) Windows <sup>®</sup> XP Professional (32 & 64 bit editions) Windows <sup>®</sup> XP Home Windows <sup>®</sup> Server 2012, 2012R2 & 2008R2 Windows <sup>®</sup> Server 2008 (32 & 64 bit editions) Windows <sup>®</sup> 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 (32 & 64 bit editions)
<b>PostScript Universal Printer Driver</b>	Driver for Windows <sup>®</sup> 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

## 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 <sup>®</sup>
<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

## Paper Handling

<b>Standard Paper Input<sup>2</sup></b>	Lower Tray - 250 sheets Multi Purpose Tray - 50 sheets
<b>Optional Paper Input<sup>2</sup></b>	250 sheet tray (LT-5500) 520 sheet tray (LT-6500) Maximum of 2 optional trays (LT-5500 & LT-6500 can be used together)
<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<sup>7</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 Tray</b> - A4, Letter, A5, Executive, Legal, Folio, Mexico Legal, India Legal <b>Multi Purpose (MP) Tray</b> - Width: 76.2mm to 215.9mm x Length: 127mm to 355.6mm <b>2-Sided Print</b> - A4

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

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

3 Windows<sup>®</sup> & Mac<sup>®</sup> only.

4 Windows<sup>®</sup> only.

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

6 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.

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

## 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/PPS, FTP Server, TELNET Server, HTTP/HTTPS server, TFTP client and server, SMTP Client, SNMPv1/v2c/ v3, ICMP, Web Services (Print), CIFS client, SNT client
<b>IPv6 (off by default)</b>	NDP, RA, DNS resolver, mDNS, LLMNR responder, LPR/LPD, Custom Raw Port/Port9100, IPP/PPS, FTP Server, TELNET Server, HTTP/HTTPS server, TFTP client and server, SMTP Client, SNMPv1/v2c, ICMPv6, Web Services (Print), CIFS Client, SNT 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 individuals 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 release code required at the device in order for them to be printed
<b>Setting Lock</b>	Secures access to the device's control panel by locking it
<b>PrintSmart Solutions (Optional)</b>	
<b>PrintSmart CostControl</b>	Monitor and control printing costs for all Brother and 3rd party devices
<b>Dimensions &amp; Weights</b>	
<b>With Carton (WxDxH)</b>	485 x 450 x 377mm 13kg
<b>Without Carton (WxDxH)</b>	373 x 388 x 255mm 10.7kg
<b>Duty Cycles</b>	
<b>Recommended Monthly</b>	Up to 3,500 pages monthly print volume
<b>Maximum Monthly<sup>6</sup></b>	Up to 50,000 pages monthly print volume

## Mobile / Web Based Printing

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

## Supplies & Accessories

<b>Inbox Toner</b>	3,000 pages <sup>1</sup>
<b>Standard Yield Toner</b>	3,000 pages <sup>1</sup> (TN-3430)
<b>High Yield Toner</b>	8,000 pages <sup>1</sup> (TN-3480)
<b>Drum (DR-3400)</b>	Approx. 50,000 pages at 3 pages per job Approx. 30,000 pages at 1 page per job
<b>LT-5500</b>	250 sheet optional paper input tray
<b>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.

## 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 4.7BA
<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
<b>GS Mark</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)

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at your side