

Brother Mono Laser HL-L6300DW

The professional workgroup printer is here

General

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| Technology | Electrophotographic Laser Printer |
| Laser Classification | Class 1 Laser Product (IEC60825-1:2007) |
| Processor | Cortex-A9 800MHz |
| Automatic 2-Sided Printing | Print on to both sides of the paper |
| Print Speed Standard (A4) | Up to 46ppm (pages per minute) |
| Print Speed 2-Sided (A4) | Up to 24 sides per minute (12 sheets per minute) |
| Resolution | Up to 1,200 x 1,200 dpi |
| Quiet Mode | A mode to reduce the printing noise by reducing the print speed to 25ppm |
| Memory | 256MB |
| Local Interface | Hi-Speed USB 2.0 |
| Wired Network Interface | 10Base-T/100Base-TX/1000Base-T |
| Wireless Network Interface | IEEE 802.11b/g/n |
| USB input port | Rear USB port for use with an external NFC card reader |
| Control Panel | 4.5cm colour LCD display |
| FPOT (First Print Out Time) | Less than 7.5 seconds from ready mode |
| Warm Up Time | Less than 4.7 seconds from sleep mode |
| Print Languages | PCL6, BR-Script3 (PostScript®3™ Language Emulation), IBM Proprinter XL, Epson FX-850, PDF version 1.7, XPS version 1.0 |
| Embedded Fonts (PCL) | 66 scalable fonts, 12 bitmap fonts, 13 barcodes |
| Embedded Fonts (Postscript) | 66 scalable fonts |
| Embedded Barcodes (PCL) | 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

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| N-up Printing³ | 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) |
| Poster Printing⁴ | Enlarge 1 A4 page into a poster using 4, 9, 16 or 25 A4 pages |
| Watermark Printing⁴ | Watermark your documents with predefined text or with your own user-defined messages |
| ID Printing⁴ | Add identification to your printed documents (date & time, short custom message or PC username) |
| Manual 2-Sided Print⁴ | Manual 2-sided printing (recommended for media not supported by automatic 2-sided print) |
| Booklet Printing⁴ | Print documents in A5 booklet format using automatic or manual 2-sided print |
| Skip Blank Page⁴ | Ignores any blank pages in your documents by not printing them |
| Print Profiles³ | Store your favourite driver settings as profiles to easily recall them (great for saving time and for less technically adept users) |
| Print Text In Black⁴ | Converts all text in your documents to black when printed (must be actual text and not just images) |
| Print Archive⁴ | An electronic carbon copy feature that saves an electronic copy of all printed documents as a PDF file |
| Carbon Copy⁴ | Prints additional copies of the same document to paper taken from additional paper trays |

¹Approx declared yield value in accordance with ISO/IEC19752

²Calculated with 80g/m² paper

³Windows® & Mac® only

⁴Windows® only

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

⁶Must be web connected

⁷Maximum 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

⁸It is recommended to use the straight paper output path and the quiet mode feature with paper weights over 105g/m²

Network & Security

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| Wired Network | Built in Ethernet 10Base-T/100Base-TX |
| Network Protocols | TCP/IP (IPv4 and IPv6) |
| IPv4 | 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, LDAP |
| IPv6 (off by default) | 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, SNTp Client, LDAP |
| Wired Network Security | SMTP-AUTH, SSL/TLS (IPPS, HTTPS, SMTP), SNMP v3, Kerberos, IPsec, 802.1x (EAP-MD5, EAP-FAST, PEAP, EAP-TLS, EAP-TTLS) |
| Wireless Network Security | WEP 64/128 bit, WPA-PSK (TKIP/AES), WPA2-PSK (AES), SMTP-AUTH, SSL/TLS (IPPS, HTTPS, SMTP), SNMP v3, Kerberos, IPsec, 802.1x (LEAP, EAP-FAST, PEAP, EAP-TLS, EAP-TTLS) |
| 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 |
| Print Log To Network⁴ | Records printing activities from each individual user, including network username, name of document printed and number of pages, to a file on a network |
| 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 |
| IP Filter | Restrict which network users can or cannot access the device over the network (IPv4 only) |
| Secure Function Lock 3.0 | 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 |
| Active Directory Authentication | Retrieve stored print jobs using credentials from Active Directory |
| LDAP Authentication | Retrieve stored print jobs using credentials from an LDAP supported database |
| Setting Lock | Secures access to the devices control panel by locking it. |
| Secure Print³ | Protect print jobs with a 4 digit release code required at the device in order for them to be printed |
| Fleet Management Tools | |
| Unattended Installer⁴ | Ability to centrally deploy and customise our drivers and software |
| MSI Installer⁴ | Modular installers that can be distributed through Active Directory® |
| Embedded Web Server | Web based print management software embedded onto the device |
| BRAdmin Professional 3^{4&5} | LAN/WAN management software |
| Driver Deployment Wizard⁴ | Easily create print drivers for hassle free deployment over your network |
| b-guard (additional purchase) | Professional print fleet management software sold exclusively by Brother |

Printer Driver

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| Windows® | 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) |
| Macintosh⁵ | OS X 10.8.5, 10.9.x, 10.10.x |
| Linux⁵ | CUPS, LPD/LPRng (x86/x64 environment) |
| PostScript Universal Printer Driver | Driver for Windows® that enables you to print to any network or locally-connected Brother laser printer that supports PostScript |
| PCL Driver | Universal PCL5e generic driver |
| JPEG Driver | Universal driver that is also compatible with a range of Brother inkjet and laser devices TBD |

Standard Paper Handling

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| Paper Input² | Lower Tray – 520 sheets Multi Purpose Tray – 50 sheets |
| Paper Output² | Face Down - 250 sheets Face Up (Straight Paper Path) - 10 sheets |

Optional Paper Handling

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| Paper Input² | 250 sheet tray (LT-5505) 520 sheet tray (LT-6505) Maximum of 3 optional trays (LT-5505) or maximum of 2 optional trays (LT-6505 & LT-5505 can be used together) |
| Paper Output² | 4 x 520 sheet tower tray (TT-4400) 4 x 100 sheet mailbox (MX-4000) |

Media Specification

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| Media Types & Weights⁸ | Standard & Optional Trays – plain & recycled paper (between 60 - 120g/m ²) Multi Purpose Tray - plain, recycled & bond paper (between 60 - 200g/m ²) 2-sided Print - plain & recycled paper (between 60 - 105g/m ²) |
| Envelope & Label Printing | Yes, from the Multi Purpose Tray: Accuracy & reliability will depend on the quality & type of envelopes or labels used |
| Media Sizes | Standard Tray - A4, Letter, A5, A5(Long Edge), A6, Executive, Legal, Folio, Mexico Legal, India Legal (A4 only supported in automatic 2-sided print mode) Optional Trays - A4, Letter, A5, Executive, Legal, Folio, Mexico Legal, India Legal (A4 only supported in automatic 2-sided print mode) Multi Purpose Tray - Width: 76.2mm to 215.9mm x Length: 127mm to 355.6mm 2-sided Print – A4 |

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Paper Input / Output Sensors

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| Input | Onscreen & optional email alerts notifying you when any of the paper input trays are nearly empty or empty |
| Output | Onscreen & optional email alerts notifying you when any of the paper output trays are full |

NFC Reader

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| Integrated NFC Reader | Supports both NFC cards (for secure authentication with pull print solutions like Brother Print Smart Pro) and NFC supported smart phones & tablets (for easier connection to Brother iPrint&Scan) |
| Supported Protocols | TBD |
| External NFC Card Reader Support | Support for external NFC readers via the rear USB port |

Mobile / Web Based Printing

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| Brother iPrint&Scan (Android) | Print and check the machine status from an Android device |
| Brother iPrint&Scan (iPad / iPhone / iPod) | Print and check the machine status from an iPad / iPhone / iPod Touch |
| Brother iPrint&Scan (Windows® Phone) | Print directly from a smart phone running the Windows® Phone Operating System |
| Brother Print&Scan (Windows® 8 & RT) | Print directly from a Windows® 8 or Windows RT Tablet |
| Google Cloud Print 2.0⁶ | Print most common file types from any Google Cloud Print enabled application |
| AirPrint | Print most common file types from any AirPrint enabled application |
| Mopria | Print most common file types from Mopria supported Android devices |
| Android Print Service Plugin | Print from Android devices without a dedicated App |
| Box⁶ | Print direct from Box without using a PC |
| Dropbox⁶ | Print direct from Dropbox without using a PC |
| Google Drive™⁶ | Print direct from Google Drive™ without using a PC |
| OneDrive⁶ | Print direct from Microsoft® OneDrive without using a PC |

Open Interface

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| Brother Solutions Interface (BSI) | Allows the use of 3 rd party solutions & apps, such as Brother Print Smart Pro, to increase security & productivity |
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Supplies & Accessories

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| Inbox Toner | 8,000 pages ¹ |
| Standard Yield Toner | 3,000 pages ¹ (TN-3430) |
| High Yield Toner | 8,000 pages ¹ (TN-3480) |
| Super High Yield Toner | 12,000 pages ¹ (TN-3512) |
| Drum (DR-3400) | 50,000 pages at 3 pages per job 30,000 pages at 1 page per job |
| LT-5505 | 250 sheet optional paper input tray |
| LT-6505 | 520 sheet optional paper input tray |
| TT-4000 | 4 x 520 sheet optional paper input tower tray |
| MX-4000 | 4 bin optional paper output mailbox |
| CH-1000 | Card reader holder |
| FH-1005 | Filter holder (Germany only) |
| Carton Contents | 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.

Dimensions & Weight

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| With Carton (WxDxH) | 496 x 492 x 422mm ?kg TBD |
| Without Carton (WxDxH) | 400 x 396 x 288mm 11.5kg TBD |

Duty Cycles

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| Recommended Monthly | Up to 7,500 pages monthly print volume |
| Maximum Monthly⁷ | Up to 125,000 pages monthly print volume |

Environment

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| Power Consumption | Printing - 740W (390W in quiet mode), ready - 32W, sleep - 7.3W, deep sleep - 1.6W, off - 0.04W |
| TEC Value | 2.162kWh / Week |
| Sound Pressure Level | Printing - 54dbA, quiet mode printing - 50dbA, ready - 35dbA |
| Sound Power Level | Printing - 6.84BA, quiet mode printing - 6.47BA, ready - 4.8BA |
| Power Saving | This enables the printer to consume less energy when not in use |
| Toner Saving | This reduces the toner usage and helps to reduce the total cost of printer ownership |
| Energy Star | Yes |
| Blue Angel | Yes |
| Nordic Swan | Yes |
| GS mark | 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