

HLL6400DW

brother  
at your side

Brother

Monochrome Laser Printer

The ultimate networked performer is here

Print



# Brother

## Monochrome Laser Printer

The ultimate networked performer is here



Print

**Open up new business** opportunities with this robust machine. Built for workgroups, this device offers excellent paper handling options, super fast print speeds and the new optional ultra-high-yield toner cartridges significantly reduces your print spend, making this machine the ideal print partner for your business.

### Top Features:

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Super-fast print speeds of up to 50ppm

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Combined paper input of 570 sheets

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Automatic 2-Sided Printing

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High-Yield Replacement Cartridges -  
Optional ultra high yield 20,000<sup>1</sup>  
page toner cartridge

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Intuitive 4.5cm touchscreen  
LCD display

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High speed wired (10Base-T/100  
Base-TX/1000Base-T) and wireless  
(IEEE 802.11b/g/n) network interfaces

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Integrated NFC Reader

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Wi-Fi Direct™

### Maximise Performance

- Significantly increase your workgroup productivity thanks to super-fast print speeds of up to 50ppm
- Take your offices output levels to another level with the optional 4 x bin mailbox
- Maximise performance with high speed wired (10Base-T/100Base-TX/1000Base-T) and wireless (IEEE 802.11b/g/n) network interfaces
- Streamline workflows and easily print with NFC technology
- The incredible easy to use 4.5cm touchscreen user interface allows users to complete tasks with no hassle

### Complete Piece of Mind - Reliability

- New technology gives complete reliability enabling you to print up to 10,000 pages per month
- Outstanding paper handling options with a standard paper input capacity of 570 expandable to 2,650 and a standard 250 sheet output tray

### Exceptionally Low Running Costs

- Designed for demanding high volume print environments the HLL6400DW includes a 8,000<sup>1</sup> page high yield toner cartridge and can take an optional 20,000<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, Active directory connectivity and Internet Protocol Security (IPsec). Plus, the range features Print Archive, Secure Reset and Certificate Management and near field communication (NFC) functionality.

## 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 50ppm (pages per minute)  |
| <b>Print Speed 2-Sided (A4)</b>    | Up to 24 sides per minute<br>(12 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>                      | 512MB   |
| <b>Local Interface</b>             | Hi-speed USB 2.0  |
| <b>Wired Network Interface</b>     | 10Base-T/100Base-TX/1000Base-T  |
| <b>Wireless Network Interface</b>  | IEEE 802.11b/g/n  |
| <b>USB input port</b>              | Rear USB port for use with an external card reader  |
| <b>Control Panel</b>               | 4.5cm Colour Touchscreen  |
| <b>FPOT (First Print Out Time)</b> | Less than 8.5 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<br>(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.

7 Maximum number of printed pages per month can be used to compare designed durability between like Brother products.

8 For maximum printer life, it is best to choose a printer with a duty cycle that far exceeds your print requirements.

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>.

## Network & Security

|   |  |
|---|--|
| <b>Wired Network</b>                    | Built in Ethernet 10Base-T/100Base-TX /1000Base-T  |
| <b>Wireless Network</b>                 | IEEE 802.11b/g/n (Infrastructure Mode / Adhoc Mode)  |
| <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, LLNMR 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, SNTIP client, LDAP |
| <b>IPv6 (Off by Default)</b>            | NDP, RA, DNS resolver, mDNS, LLNMR 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, SNTIP Client, LDAP  |
| <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>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, IPsec, 802.1x (LEAP, EAP-FAST, PEAP, EAP-TLS, EAP-TTLS)   |
| <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)  |
| <b>Wireless Applications</b>            | Vertical Pairing   |
| <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>Active Directory Authentication</b>  | Retrieve stored print jobs using credentials from Active Directory   |
| <b>LDAP Authentication</b>              | Retrieve stored print jobs using credentials from an LDAP supported database   |
| <b>Setting Lock</b>                     | Secures access to the devices control panel by locking it  |
| <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  |

## 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)<br>Windows® 8 (32 & 64 bit editions)<br>Windows® 7 (32 & 64 bit editions)<br>Windows Vista® (32 & 64 bit editions)<br>Windows® XP Professional (32 & 64 bit editions)<br>Windows® XP Home<br>Windows® Server 2012, 2012R2 & 2008R2<br>Windows® Server 2008 (32 & 64 bit editions)<br>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>                          | PCL5e, PCL5c, PCL6 (PCL XL Class3.0)  |

## Standard Paper Handling

|                                 |   |
|---------------------------------|---|
| <b>Paper Input<sup>2</sup></b>  | Lower Tray – 520 sheets<br>Multi Purpose Tray – 50 sheets           |
| <b>Paper Output<sup>2</sup></b> | Face Down - 250 sheets<br>Face Up (Straight Paper Path) - 10 sheets |

## Optional Paper Handling

|                                 |  |
|---------------------------------|--|
| <b>Paper Input<sup>2</sup></b>  | 250 sheet tray (LT-5505)<br>520 sheet tray (LT-6505)<br>Maximum of 3 optional trays (LT-5505) or maximum of<br>2 optional trays (LT-6505 and/or LT-5505)<br>4 x 520 sheet tower tray (TT-4400) |
| <b>Paper Output<sup>2</sup></b> | 4 bin x 100 sheet mailbox (MX-4000), convertible to 2 bin x 400 sheet mailbox  |

## 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> )<br><b>Multi Purpose Tray</b> - plain, recycled, bond, coloured and letterhead paper (between 60 - 200g/m <sup>2</sup> )<br><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<br><b>Optional Trays</b> - A4, Letter, A5, Executive, Legal, Folio, Mexico Legal, India Legal<br><b>Multi Purpose Tray</b> - Width: 76.2mm to 215.9mm x Length: 127mm to 355.6mm<br><b>2-sided Print</b> - A4                                     |

## Paper Input / Output Sensors

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

## NFC Reader

|                              |  |
|------------------------------|--|
| <b>Integrated NFC Reader</b> | Supports both NFC cards (for secure authentication with pull print solutions like PaperCut) and Android NFC devices for mobile print |
|------------------------------|--|

## 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 Print&amp;Scan (Windows® 8 &amp; RT)</b>   | Print directly from a Windows® 8 or Windows RT Tablet                         |
| <b>Google Cloud Print 2.0<sup>6</sup></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                            |
| <b>Box<sup>6</sup></b>                                | Print from Box without using a PC   |
| <b>Dropbox<sup>6</sup></b>                            | Print from Dropbox without using a PC   |
| <b>Google Drive™<sup>6</sup></b>                      | Print from Google Drive™ without using a PC                                   |
| <b>OneDrive<sup>6</sup></b>                           | Print from Microsoft® OneDrive without using a PC                             |



## Developers

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|--|--|
| <b>Brother Solutions Interface (BSI)</b> | Create powerful cloud and on premise solutions directly integrating the advanced print, scan and security capabilities of Brother scanners, printers and all in ones. For more information visit: <a href="http://www.brother.eu/developers">www.brother.eu/developers</a> |
|--|--|

## Supplies & Accessories

|                               |  |
|-------------------------------|--|
| <b>Inbox Toner</b>            | 8,000 pages <sup>1</sup>   |
| <b>Standard Yield Toner</b>   | 3,000 pages <sup>1</sup> (TN-3415)   |
| <b>High Yield Toner</b>       | 8,000 pages <sup>1</sup> (TN-3425)   |
| <b>Super High Yield Toner</b> | 12,000 pages <sup>1</sup> (TN-3465)  |
| <b>Ultra High Yield Toner</b> | 20,000 pages <sup>1</sup> (TN-3475)  |
| <b>Drum (DR-3415)</b>         | 50,000 pages at 3 pages per job<br>30,000 pages at 1 page per job  |
| <b>Lower Tray (LT-5505)</b>   | 250 sheet optional paper input tray  |
| <b>Lower Tray (LT-6505)</b>   | 520 sheet optional paper input tray  |
| <b>Tower Tray (TT-4000)</b>   | 4 x 520 sheet optional paper input tower tray  |
| <b>MailBox (MX-4000)</b>      | 4 bin optional paper output mailbox  |
| <b>Holder (CH-1000)</b>       | Card reader holder   |
| <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 - 770W (390W in quiet mode), ready - 32W, sleep - 7.3W, deep sleep - 1.6W, off - 0.04W |
| <b>TEC Value</b>            | 2.379kWh / Week   |
| <b>Sound Pressure Level</b> | Printing - 54dbA, quiet mode printing - 50dbA, ready - Up to 35dbA                              |
| <b>Sound Power Level</b>    | Printing - 6.92BA, quiet mode printing - 6.47BA, ready - Up to 4.88A                            |
| <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            |

## Dimensions & Weights

|                               |                              |
|-------------------------------|------------------------------|
| <b>With Carton (WxDxH)</b>    | 497 x 492 x 427mm<br>15.5 Kg |
| <b>Without Carton (WxDxH)</b> | 400 x 396 x 288mm<br>11.5 Kg |

## Duty Cycles

|                                    |  |
|------------------------------------|--|
| <b>Recommended Monthly</b>         | Up to 10,000 pages monthly print volume  |
| <b>Maximum Monthly<sup>7</sup></b> | Up to 150,000 pages monthly print volume |



### 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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