

Ficha técnica

Brother

Modelos / familias

HL-L6210DW

Fuente del fabricante

Online User's Guide (HTML/PDF)

https://support.brother.com/g/s/id/html/doc/printer/cv_hll6415dw/use/PDF/PDF.pdf

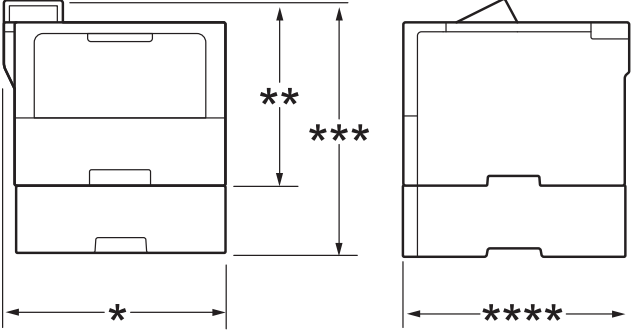
Las páginas siguientes son un extracto técnico del documento oficial del fabricante.

Specifications

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- >> Printer Specifications
- >> Interface Specifications
- >> Supported Protocols and Security Features
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General Specifications

Printer Type		Laser
Print Method		Electrophotographic Laser Printer
Memory Capacity	Standard	(HL-L5210DN/HL-L5210DW/HL-L5210DWT/HL-L5215DW/HL-L6210DW/HL-L6210DWT/HL-L6217DW) 256 MB (HL-L6310DW) 512 MB (HL-L6415DW/HL-L6415DWT) 1 GB
Machine display		(HL-L5210DN/HL-L5210DW/HL-L5210DWT/HL-L5215DW/HL-L6210DW/HL-L6210DWT/HL-L6217DW) 16 characters x 1 line (HL-L6310DW/HL-L6415DW/HL-L6415DWT) 3.5 in. TFT Color touchscreen Liquid Crystal Display (LCD) ¹ Touchscreen 2.85 x 2.7 in. (72.5 x 68.7 mm)
Power Source		110 V to 120 V AC 50/60 Hz
Power Consumption (Average)	Peak	Approximately 1,280 W
	Printing ²	(HL-L5210DN/HL-L5210DW/HL-L5210DWT/HL-L5215DW/HL-L6210DW/HL-L6210DWT/HL-L6217DW) Approximately 680 W at 77°F (25°C) (HL-L6310DW/HL-L6415DW/HL-L6415DWT) Approximately 720 W at 77°F (25°C)
	Printing (Quiet Mode) ²	Approximately 460 W at 77°F (25°C)
	Ready ²	Approximately 31 W at 77°F (25°C)
	Sleep ²	(HL-L5210DN/HL-L5210DW/HL-L5210DWT/HL-L5215DW/HL-L6210DW/HL-L6210DWT/HL-L6217DW) Approximately 5.3 W (HL-L6310DW/HL-L6415DW/HL-L6415DWT) Approximately 5.8 W
	Deep Sleep ²	(HL-L5210DN/HL-L5210DW/HL-L5210DWT/HL-L5215DW/HL-L6210DW/HL-L6210DWT/HL-L6217DW) Approximately 0.5 W (HL-L6310DW/HL-L6415DW/HL-L6415DWT)

Power Consumption (Average)		Approximately 0.6 W
	Power Off ^{3 4}	Approximately 0.04 W
Dimensions (Typical outline view) 		Unit: in. (mm) • (HL-L5210DN/HL-L5210DW/HL-L5215DW) * : 14.7 (373) ** : 10.1 (257) *** : 15.3 (388) • (HL-L6210DW/HL-L6217DW) * : 14.7 (373) ** : 11.4 (289) *** : 15.3 (388) • (HL-L6310DW/HL-L6415DW) * : 15.7 (402) ** : 12.6 (319) *** : 15.6 (396) • (HL-L5210DWT) * : 14.7 (373) *** : 15.3 (389) **** : 15.3 (388) • (HL-L6210DWT) * : 14.7 (373) *** : 16.6 (421) **** : 15.3 (388) • (HL-L6415DWT) * : 15.7 (402) *** : 17.8 (451) **** : 15.6 (396)
Weight (with supplies)		• (HL-L5210DN/HL-L5210DW) 24.1 lb (10.9 kg) • (HL-L5215DW) 24.2 lb (11.0 kg) • (HL-L6210DW/HL-L6217DW) 26.9 lb (12.2 kg) • (HL-L6310DW) 28.8 lb (13.1 kg) • (HL-L6415DW) 29.1 lb (13.2 kg) • (HL-L5210DWT) 32.7 lb (14.8 kg) • (HL-L6210DWT) 35.4 lb (16.1 kg) • (HL-L6415DWT) 37.7 lb (17.1 kg)

Noise Level	Sound Pressure 5	Printing	LpAm = 54 dB (A)
		Printing (Quiet Mode)	LpAm = 50 dB (A)
		Ready	LpAm = Up to 35 dB (A)
	Sound Power	Printing 5	(HL-L5210DN/HL-L5210DW/HL-L5210DWT/HL-L5215DW) LWAc = 7.06 B (A) (HL-L6210DW/HL-L6210DWT/HL-L6217DW/HL-L6310DW/ HL-L6415DW/HL-L6415DWT) LWAc = 7.07 B (A)
		Printing (Quiet Mode)	LWAc = 6.54 B (A)
		Ready	LWAc = Up to 4.9 B (A)
Temperature	Operating		From 50°F to 90.5°F (10°C to 32.5°C)
	Storage		From 32°F to 104°F (0°C to 40°C)
Humidity	Operating		20% to 80% (without condensation)
	Storage		35% to 85% (without condensation)

1 Measured diagonally.

2 Measured when the machine is connected using the same network connection as the ENERGY STAR Ver. 3.1 test method.

3 Measured according to IEC 62301 Edition 2.0.

4 Power consumption varies slightly depending on the usage environment.

5 Measured in accordance with the method described in ISO 7779.

Print Media Specifications

Paper Input	Paper Tray (Standard)	Paper Type	Plain Paper, Letterhead, Colored Paper, Thin Paper, Recycled Paper, Thick Paper
		Paper Size	A4, Letter, B5 (JIS), A5, A5 (Long Edge), A6, Executive, Legal, Mexico Legal, India Legal, Folio, 16K (195x270 mm), A4 Short (270mm Paper)
		Paper Weight	16 to 43 lb (60 to 163 g/m ²) ¹
		Maximum Paper Capacity	(HL-L5210DN/HL-L5210DW/HL-L5210DWT/HL-L5215DW) Up to 250 sheets of 20 lb (80 g/m²) Plain Paper (HL-L6210DW/HL-L6210DWT/HL-L6217DW/HL-L6310DW/HL-L6415DW/HL-L6415DWT) Up to 520 sheets of 20 lb (80 g/m²) Plain Paper
	Multi-purpose Tray (MP Tray)	Paper Type	Plain Paper, Letterhead, Colored Paper, Thin Paper, Thick Paper, Thicker Paper, Recycled Paper, Bond, Label, Envelope, Env.Thin, Env.Thick
		Paper Size	- Width: 2.75 to 8.5 in. (69.8 to 215.9 mm) - Length: 5 to 14 in. (127 to 355.6 mm) - Envelope: COM-10, DL, C5, Monarch
		Paper Weight	16 to 60 lb (60 to 230 g/m ²) ¹
		Maximum Paper Capacity	- Up to 100 Sheets of 20 lb (80 g/m²) Plain Paper - Envelope: Up to 0.43 in. (11 mm) thick

Paper Input	Paper Tray 2, 3, 4 (Optional) ²	Paper Type	Plain Paper, Letterhead, Colored Paper, Thin Paper, Recycled Paper, Thick Paper
		Paper Size	A4, Letter, B5 (JIS), A5, Executive, Legal, Mexico Legal, India Legal, Folio, 16K (195x270 mm), A4 Short (270mm Paper)
		Paper Weight	16 to 32 lb (60 to 120 g/m ²) ¹
		Maximum Paper Capacity	- LT-5505 Up to 250 sheets of 20 lb (80 g/m²) Plain Paper - LT-6505 Up to 520 sheets of 20 lb (80 g/m²) Plain Paper
Paper Output ³	Face Down Output Tray		(HL-L5210DN/HL-L5210DW/HL-L5210DWT/HL-L5215DW/HL-L6210DW/HL-L6210DWT/HL-L6217DW) Up to 150 sheets of 20 lb (80 g/m²) Plain Paper (face-down delivery to the face-down output paper tray) (HL-L6310DW/HL-L6415DW/HL-L6415DWT) Up to 250 Sheets of 20 lb (80 g/m²) Plain Paper (face down delivery to the face down output paper tray)
	Face Up Output Tray		(HL-L5210DN/HL-L5210DW/HL-L5210DWT/HL-L5215DW/HL-L6210DW/HL-L6210DWT/HL-L6217DW) One sheet (face up delivery to the face up output tray) (HL-L6310DW/HL-L6415DW/HL-L6415DWT) Up to 10 sheets (face up delivery to the face up output tray)
	Mailbox (Optional)		(HL-L6415DW/HL-L6415DWT) 100 sheets x 4 bins of 20 lb (80 g/m ²) 400 sheets x 2 bins of 20 lb (80 g/m ²)
2-sided	Automatic 2-sided Printing	Paper Type	Plain Paper, Letterhead, Colored Paper, Thin Paper, Recycled Paper
		Paper Size	Letter, Legal, Folio, Mexico Legal, India Legal
		Paper Weight	16 to 28 lb (60 to 105 g/m ²)

¹ For paper of 28 lb (105 g/m²) and above, open the back cover to use the face up output tray.

² (HL-L5210DN/HL-L5210DW/HL-L5210DWT/HL-L5215DW) Maximum number of Lower Trays: Up to two Lower Trays in any combination.
(HL-L6210DW/HL-L6210DWT/HL-L6217DW/HL-L6310DW/HL-L6415DW/HL-L6415DWT) Maximum number of Lower Trays: Up to three LT-5505 Lower Trays or up to two Lower Trays in any combination.

³ For labels, we recommend removing the printed sheets from the output paper tray immediately after they exit the machine to avoid the possibility of smudging.

Printer Specifications

Automatic 2-sided Print ¹		Yes
Emulation		PCL6, BR-Script3, IBM Proprinter XL, Epson FX-850, PDF version1.7, XPS version 1.0
Resolution		Up to 1200 x 1200 dpi
Print Speed ²	1-sided Print ^{3 4}	(HL-L5210DN/HL-L5210DW/HL-L5210DWT/HL-L5215DW) Up to 48 pages/minute (Letter size) Up to 46 pages/minute (A4 size) (HL-L6210DW/HL-L6210DWT/HL-L6217DW) Up to 50 pages/minute (Letter size) Up to 48 pages/minute (A4 size) (HL-L6310DW/HL-L6415DW/HL-L6415DWT) Up to 52 pages/minute (Letter size)

Print Speed ²		Up to 50 pages/minute (A4 size)
	2-sided Print	Up to 24 sides/minute (Up to 12 sheets/minute) (Letter size) Up to 24 sides/minute (Up to 12 sheets/minute) (A4 size)
First Print Time ^{5 6 7}		Less than 6.7 seconds at 73.4°F (23°C)

- ¹ The default setting is 2-sided in the USA and some other countries.
- ² The print speed may be slower when the machine is connected by wireless LAN.
- ³ The print speeds of "1-sided Print" were measured in accordance with ISO/IEC 24734.
- ⁴ This speed is based on 1-sided printing. If your model's default print setting is "2-sided", change to "1-sided" for these results.
- ⁵ Printing from Ready mode and standard tray.
- ⁶ Length of time from when the machine is started until paper output is complete (except when the machine is turned on or when an error is fixed)
- ⁷ This applies when printing on A4- or Letter-size paper from the standard tray. It could be longer however, depending on the paper size and the amount of print data.

Interface Specifications

USB	- Type: USB Type-B receptacle Version: USB 2.0 High-Speed ^{1 2} Use a USB 2.0 interface cable that is no more than 6 feet (2 meters) long. (HL-L6310DW/HL-L6415DW/HL-L6415DWT) Type: USB Type-A receptacle ³ Version: USB 2.0 High-Speed Connect a USB flash drive for USB Storage Print.
LAN	10Base-T/100Base-TX/1000Base-T ⁴
Wireless LAN	(HL-L5210DW/HL-L5210DWT/HL-L5215DW/HL-L6210DW/HL-L6210DWT/HL-L6217DW/ HL-L6310DW/HL-L6415DW/HL-L6415DWT) IEEE 802.11a/b/g/n (Infrastructure Mode) IEEE 802.11a/g/n (Wi-Fi Direct®)
NFC ⁵	(HL-L6310DW/HL-L6415DW/HL-L6415DWT) Yes

- ¹ Your machine has a USB 2.0 Hi-Speed interface. The machine can also be connected to a computer that has a USB 1.1 interface.
- ² Third party USB hub devices are not supported.
- ³ USB host port
- ⁴ Use a Category 5e (or greater) network cable.
- ⁵ When you connect an external IC card reader, use a HID class driver supported device.

Supported Protocols and Security Features

Supported protocols and security features may differ depending the models.

Ethernet

10Base-T/100Base-TX/1000Base-T

Protocols (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, Syslog

Protocols (IPv6)

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, Syslog

Network Security (Wired)

SMTP-AUTH, SSL/TLS (IPP, HTTP, SMTP), SNMP v3, 802.1x (EAP-MD5, EAP-FAST, PEAP, EAP-TLS, EAP-TTLS), Kerberos, IPsec

Network Security (Wireless)

SMTP-AUTH, SSL/TLS (IPP, HTTP, SMTP), SNMP v3, 802.1x (EAP-FAST, PEAP, EAP-TLS, EAP-TTLS), Kerberos, IPsec

Wireless Network Security

WEP 64/128 bit, WPA-PSK (TKIP/AES), WPA2-PSK (TKIP/AES) (Wi-Fi Direct supports WPA2-PSK (AES) only) , WPA3-SAE (AES)

Wireless Certification

Wi-Fi Certification Mark License (WPA3™ - Enterprise, Personal), Wi-Fi Protected Setup™ (WPS) Identifier Mark License, Wi-Fi CERTIFIED™ Wi-Fi Direct

Computer Requirements Specifications

Supported Operating Systems And Software Functions

Computer Platform & Operating System Version		Computer Interface			Processor	Hard Disk Space to Install ¹	
		USB ²	Wired LAN	Wireless		For Drivers	For Applications (including Drivers)
Windows Operating System	Windows 10 Home / 10 Pro / 10 Education / 10 Enterprise	Printing			32 bit (x86) or 64 bit (x64) processor	50 MB	1.6 GB
	Windows 11 Home / 11 Pro / 11 Education / 11 Enterprise				64 bit (x64) processor		
	Windows Server 2012	Printing			64 bit (x64) processor		50 MB
	Windows Server 2012 R2						
	Windows Server 2016						
	Windows Server 2019						
	Windows Server 2022						
Mac Operating System ³	macOS v11	Printing			64 bit processor	N/A	500 MB
	macOS v12						
	macOS v13						
Chrome OS		Printing			N/A	N/A	N/A

¹ An Internet connection is required to install the software if the installation disc is not supplied.

² Third party USB ports are not supported.

³ macOS Disclaimer

AirPrint capable: Printing via macOS requires the use of AirPrint. Mac drivers are not provided for this machine.

For the latest driver updates, go to your model's **Downloads** page at support.brother.com.