

Ficha técnica

Brother

Modelos / familias

MFC-L8970CDW

Fuente del fabricante

Online User's Guide (HTML/PDF)

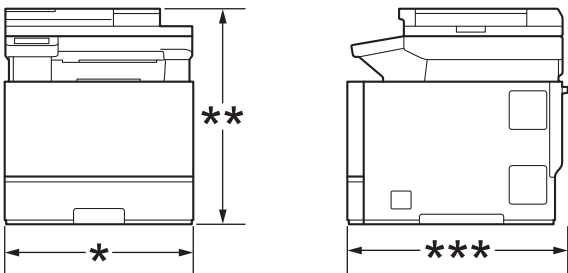
https://support.brother.com/g/s/id/html/doc/mfc/cv_mfcl8730cdw/use/PDF/PDF.pdf

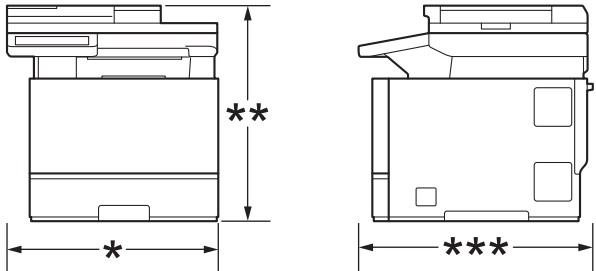
Las páginas siguientes son un extracto técnico del documento oficial del fabricante.

Specifications

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General Specifications

Printer Type		Laser
Print Method		Electrophotographic Laser Printer
Memory Capacity	Standard	(DCP-L8630CDW/MFC-L8730CDW/MFC-L8930CDW) 512 MB (MFC-L8970CDW/MFC-EX575) 1 GB
Machine Display		(DCP-L8630CDW/MFC-L8730CDW) 3.5 in. (8.8 cm) TFT Color touchscreen LCD ¹ (MFC-L8930CDW/MFC-L8970CDW/MFC-EX575) 7.0 in. (17.6 cm) TFT Color touchscreen LCD ¹
Power Source		110 V to 120 V AC 50/60 Hz
Power Consumption (Average)	Peak	Approximately 1,010 W
	Printing ²	Approximately 600 W at 77°F (25°C)
	Printing (Quiet Mode) ²	Approximately 340 W at 77°F (25°C)
	Copying ²	Approximately 600 W at 77°F (25°C)
	Copying (Quiet Mode) ²	Approximately 340 W at 77°F (25°C)
	Ready ²	Approximately 60 W at 77°F (25°C)
	Sleep ²	Approximately 8.4 W
	Deep Sleep ²	Approximately 0.53 W
Power Off ^{2 3 4}		Approximately 0.03 W
Dimensions (Typical outline view) (DCP-L8630CDW/MFC-L8730CDW) 		Unit: in. (mm) (DCP-L8630CDW/MFC-L8730CDW) * : 15.9 (404) ** : 18.1 (460) *** : 18.6 (473) (MFC-L8930CDW/MFC-L8970CDW/MFC-EX575) * : 17.9 (454) ** : 18.1 (460) *** : 19.9 (505)

(MFC-L8930CDW/MFC-L8970CDW/MFC-EX575)			
			
Weight (with supplies)			• (DCP-L8630CDW) - • (MFC-L8730CDW) 56.5 lb (25.6 kg) • (MFC-L8930CDW) 58.4 lb (26.5 kg) • (MFC-L8970CDW) 58.8 lb (26.7 kg) • (MFC-EX575) 59.0 lb (26.8 kg)
Noise Level	Sound Pressure ⁶	Printing	LpAm = 49 dB (A)
		Printing (Quiet Mode)	LpAm = 44 dB (A)
		Ready	Default: LpAm = 31 dB (A) ⁵
	Sound Power ⁶	Printing	Monochrome LWAc = 6.47 B (A)
			Color LWAc = 6.47 B (A)
		Printing (Quiet Mode)	Monochrome LWAc = 5.83 B (A)
			Color LWAc = 5.88 B (A)
		Ready	Default: LWAc = 4.43 B (A) ⁷
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)
Automatic Document Feeder (ADF)			Up to 80 sheets For best results we recommend: • Temperature: 68°F to 86°F (20°C to 30°C) • Humidity: 50% to 70% • Paper: 20 lb (80 g/m²)

¹ Measured diagonally.

² Measured when the machine is connected using the same network connection as the ENERGY STAR Ver. 3.2 test method.

³ Measured according to IEC 62301 Edition 2.0.

⁴ Power consumption varies slightly depending on the usage environment.

⁵ If fan motor is functioning: LpAm = 35 dB (A)

⁶ Measured in accordance with the method described in ISO 7779.

Document Size Specification

Document Size	ADF Width	4.1 in. to 8.5 in. (105 mm to 215.9 mm)
	ADF Length	5.8 in. to 14.0 in. (148 mm to 355.6 mm)
	Scanner Glass Width	Up to 8.5 in. (215.9 mm)
	Scanner Glass Length	(DCP-L8630CDW/MFC-L8730CDW) Up to 11.7 in. (297 mm) (MFC-L8930CDW/MFC-L8970CDW/MFC-EX575) Up to 14 in. (355.6 mm)

Print Media Specifications

Paper Input	Paper Tray (Standard)	Paper Type	Plain Paper, Letterhead, Colored Paper, Thin Paper, Recycled Paper
		Paper Size	A4, Letter, B5 (JIS), A5, A5 (Long Edge), B6 (JIS), A6, Executive, Legal, Mexico Legal, India Legal, Folio, 16K (195x270 mm), A4 Short (270 mm Paper)
		Paper Weight	16 to 28 lb (60 to 105 g/m ²)
		Maximum Paper Capacity	Up to 250 sheets of 20 lb (80 g/m ²) Plain Paper
	Multi-Purpose Tray (MP tray)	Paper Type	Plain Paper, Letterhead, Colored Paper, Thin Paper, Thick Paper, Recycled Paper, Bond Paper, Label, Envelope, Env.Thin, Env.Thick, Glossy Paper
		Paper Size	- Width: 3 to 8.5 in. (76.2 to 216 mm) - Length: 4.57 to 14 in. (116 to 355.6 mm) - Envelope: COM-10, DL, C5, Monarch
		Paper Weight	16 to 43 lb (60 to 163 g/m ²)
		Maximum Paper Capacity	- Up to 50 sheets of 20 lb (80 g/m²) Plain Paper - Envelope: 10 envelopes up to 10 mm thick
	Paper Tray 2, 3 (Optional) ¹	Paper Type	Plain Paper, Letterhead, Colored Paper, Thin Paper, Recycled Paper
		Paper Size	A4, Letter, B5 (JIS), A5, B6 (JIS), Executive, Legal, Mexico Legal, India Legal, Folio, 16K (195x270 mm), A4 Short (270 mm Paper)
		Paper Weight	16 to 28 lb (60 to 105 g/m ²)
		Maximum Paper Capacity	- LT-350CL Up to 250 sheets of 20 lb (80 g/m²) Plain Paper - LT-360CL Up to 520 sheets of 20 lb (80 g/m²) Plain Paper
Paper Output ²	Face Down Output Tray		Up to 150 sheets of 20 lb (80 g/m ²) Plain Paper (face-down delivery to the face-down output paper tray)
	Face Up Output Tray		One sheet (face up delivery to the face up output tray)
2-sided	Automatic 2-sided Printing	Paper Type	Plain Paper, Letterhead, Colored Paper, Thin Paper, Recycled Paper, Glossy Paper
		Paper Size	Letter, Legal, Folio, Mexico Legal, India Legal

2-sided	Automatic 2-sided Printing	Paper Weight	16 to 28 lb (60 to 105 g/m ²)
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- ¹ (DCP-L8630CDW/MFC-L8730CDW) Maximum number of Lower Trays: Up to two LT-350CL Lower Trays.
(MFC-L8930CDW/MFC-L8970CDW/MFC-EX575) Maximum number of Lower Trays: Up to two LT-350CL Lower Trays, or up to two LT-360CL Lower Trays, or a combination of one LT-350CL and one LT-360CL.
- ² 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.

Fax Specifications

NOTE

This feature is available for MFC models.

Compatibility		ITU-T Super Group 3
Coding System		MH / MR / MMR / JBIG
Modem Speed		33,600 bps (with Automatic Fallback)
2-sided Print Receiving		Yes
Automatic 2-sided Sending		Yes (from the ADF)
Scanning Width		Maximum 8.19 in. (208 mm)
Printing Width		Maximum 8.17 in. (207.4 mm)
Gray Scale		8 bit / 256 levels
Resolution	Horizontal	203 dpi
	Vertical	Standard: 98 dpi Fine: 196 dpi Super fine: 392 dpi Photo: 196 dpi
Address Book		300 Locations
Groups		Up to 20
Broadcasting		350 Locations
Automatic Redial		1 time at 5-minute intervals
Memory Transmission		Up to 500 pages ¹
Out of Paper Reception		Up to 500 pages ¹

- ¹ 'Pages' refers to the 'ITU-T TestChart Document No.1' (a typical business letter, Standard resolution, JBIG code).

Copy Specification

Copy Width	Maximum 8.19 in. (208 mm)
Automatic 2-sided Copy	(MFC-L8730CDW/MFC-L8930CDW/MFC-L8970CDW/MFC-EX575) Yes (from the ADF)
Sort Copy	Yes
Stack Copy	Up to 999 pages
Enlarge/Reduce	25 to 400% (in increments of 1%)
Resolution	Maximum 1200 x 600 dpi
First Copy Out Time ¹	Monochrome Less than 12.5 seconds
	Color

First Copy Out Time ¹	Less than 12.5 seconds
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¹ From Ready Mode and standard tray.

Scanner Specifications

Color / Black	Yes / Yes
TWAIN Compliant	Yes (Windows 10 / Windows 11)
WIA Compliant	Yes (Windows 10 / Windows 11)
Color Depth	48 bit color Processing (Input) 24 bit color Processing (Output)
Gray Scale	16 bit color Processing (Input) 8 bit color Processing (Output)
Resolution ¹	- Up to 19200 x 19200 dpi (interpolated) - Up to 1200 x 1200 dpi (from Scanner Glass) - Up to 600 x 600 dpi (from the ADF)
Scanning Width	Maximum 8.27 in. (210 mm)
Automatic 2-sided Scanning	(MFC-L8730CDW/MFC-L8930CDW/MFC-L8970CDW/MFC-EX575) Yes (from the ADF)

¹ Maximum 600 × 600 dpi scanning with the WIA driver in Windows 10 and Windows 11.

Printer Specifications

Automatic 2-sided Print ¹		Yes
Emulation		PCL6, BR-Script3, PDF Version 2.0
Resolution		600 x 600 dpi, 2,400 dpi class (2400 x 600) quality
Print Speed ^{2 3}	1-sided Print	Monochrome Up to 33 pages/minute (Letter size) Up to 31 pages/minute (A4 size)
		Color Up to 33 pages/minute (Letter size) Up to 31 pages/minute (A4 size)
	2-sided Print	Monochrome Up to 21 sides per minute (Up to 10.5 sheets per minute) (Letter size) Up to 20 sides per minute (Up to 10 sheets per minute) (A4 size)
		Color Up to 21 sides per minute (Up to 10.5 sheets per minute) (Letter size) Up to 20 sides per minute (Up to 10 sheets per minute) (A4 size)
First Print Time ^{4 5 6 7}		Monochrome Less than 9.9 seconds
		Color Less than 9.9 seconds

¹ The default setting is 2-sided in the USA and some other countries.

² The print speed may change depending on the type of document you print.

³ The print speed may be slower when the machine is connected by wireless LAN.

- 4 Printing from Ready mode and standard tray.
- 5 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).
- 6 May vary when calibration or registration is in progress.
- 7 This applies when printing on A4- or Letter-size paper from the standard tray. However, the First Print Time could be longer depending on the paper size and the amount of print data.

Interface Specifications

USB ^{1 2}	Hi-Speed USB 2.0 Use a USB 2.0 interface cable (TypeA/B) that is no more than 6 feet (2 meters) long.
LAN	10Base-T/100Base-TX/1000Base-T ³
Wireless LAN	5 GHz IEEE 802.11a/n (Infrastructure Mode) IEEE 802.11a/n (Wi-Fi Direct) 2.4 GHz IEEE 802.11b/g/n (Infrastructure Mode) IEEE 802.11g/n (Wi-Fi Direct)
NFC ⁴ (MFC-L8730CDW/MFC-L8930CDW/ MFC-L8970CDW/MFC-EX575)	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 Use a Category 5e (or greater) network cable.
- 4 When you connect an external IC card reader, use a HID class driver supported device.

Direct Print Feature Specifications

Compatibility	PDF version2.0, JPEG, TIFF (scanned by Brother models), PRN-GDI (created by the machine's own printer driver), PRN-PS (created by the machine's own printer driver)
Interface	USB direct interface: Front x1, Rear x1 (MFC-L8970CDW/MFC-EX575)

Supported Protocols and Security Features

Supported protocols and security features may differ depending on the model.

Ethernet

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

Wireless LAN (5GHz)

IEEE 802.11a/n (Infrastructure Mode), IEEE 802.11a/n (Wi-Fi Direct)

Wireless LAN (2.4GHz)

IEEE 802.11b/g/n (Infrastructure Mode), IEEE 802.11g/n (Wi-Fi Direct)

Protocols (IPv4)

ARP, RARP, BOOTP, DHCP, APIPA (Auto IP), WINS/NetBIOS name resolution, DNS Resolver, mDNS, LLMNR responder, LPR/LPD, Custom Raw Port/Port9100, POP3, SMTP Client, IPP/IPPS, FTP Client and Server, CIFS Client, TELNET Server, SNMPv1/v2c/v3, HTTP/HTTPS server, TFTP client and server, ICMP, Web Services (Print/Scan), SNTTP Client, LDAP, LDAPS, IMAP4, Syslog

Protocols (IPv6)

NDP, RA, DNS resolver, mDNS, LLMNR responder, LPR/LPD, Custom Raw Port/Port9100, IPP/IPPS, POP3, SMTP Client, FTP Client and Server, CIFS Client, TELNET Server, SNMPv1/v2c/v3, HTTP/HTTPS server, TFTP client and server, ICMPv6, Web Services (Print/Scan), SNTTP Client, LDAP, LDAPS, IMAP4, Syslog