brother at your side

MFC-L8900CDW

Specifications

General Specifications

Printer Type		• Laser
Print Method		• Electrophotographic Laser Printer
Memory Capacity	Standard	• (DCP-L8410CDW/MFC-L8690CDW/MFC-L8900CDW) 512 MB • (MFC-L9570CDW) 1 GB
LCD (Liquid Crystal Display)		• (DCP-L8410CDW/MFC-L8690CDW) 3.7 in. (93.4 mm) TFT Colour Touchscreen LCD *1 • (MFC-L8900CDW) 5.0 in. (125.9 mm) TFT Colour Touchscreen LCD *1 • (MFC-L9570CDW) 7.0 in. (176.1 mm) TFT Colour Touchscreen LCD *1
Power Source		• 220 to 240 V AC 50/60 Hz
Power Consumption	Peak	• Approximately 1230 W
(Average)	Printing *2	• Approximately 580 W at 25 °C

	Printing (Quiet Mode) *2	• Approximately 340 W at 25 °C
	Copying *2	• Approximately 550 W at 25 °C
	Copying (Quiet Mode) *2	• Approximately 350 W at 25 °C
	Ready *2	• Approximately 70 W at 25 °C
	Sleep *2	• Approximately 10 W
	Deep Sleep *2	• (DCP-L8410CDW) Approximately 1.3 W • (MFC-L8690CDW) Approximately 1.4 W • (MFC-L8900CDW/MFC-L9570CDW) Approximately 1.7 W
	Power Off *2 *3 *4	• Approximately 0.03 W
Dimensions (Typical outline view) 		Unit: mm • (DCP-L8410CDW/MFC-L8690CDW) * : 435 ** : 539 *** : 526 • (MFC-L8900CDW/MFC-L9570CDW) * : 495 ** : 549 *** : 526
Weights (with supplies)		• (DCP-L8410CDW) 27.6 kg • (MFC-L8690CDW) 27.9 kg

			• (MFC-L8900CDW) 28.7 kg • (MFC-L9570CDW) 29.7 kg
Noise Level	Sound Pressure	Printing	• LpAm = 49 dB (A)
		Printing (Quiet Mode)	• LpAm = 44 dB (A)
		Ready	• LpAm = Inaudible
	Sound Power	Copying *5 *6	Monochrome (Excluding Belgium) • LWAd = 6.40 B (A) (For Belgium) • LWAd = 6.35 B (A) Colour (Excluding Belgium) • LWAd = 6.41 B (A) (For Belgium) • LWAd = 6.36 B (A)
		Printing (Quiet Mode)	Monochrome • LWAd = 6.00 B (A) Colour • LWAd = 6.00 B (A)
		Ready *5 *6	• LWAd = Inaudible
Temperature	Operating		• 10 to 32 °C
	Storage		• 0 to 40 °C

Humidity	Operating	• 20 to 80% (without condensation)
	Storage	• 10 to 90% (without condensation)
ADF (automatic document feeder)		• (DCP-L8410CDW/MFC-L8690CDW) Up to 50 sheets • (MFC-L8900CDW) Up to 70 sheets • (MFC-L9570CDW) Up to 80 sheets For best results we recommend: • Temperature: 20 to 30 °C • Humidity: 50 to 70% • Paper: 80 g/m2
Laser Notice		Click here for details.

*1
Measured diagonally
*2
USB connections to computer
*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 RAL-UZ171.
*6
Office equipment with LWAd>6.30 B(A) is not suitable for use in room where people require high levels of concentration. Such equipment should be placed in separate rooms because of noise emissions.

Document Size Specification

Document Size	ADF Width	• 105 to 215.9 mm
	ADF Length	• 147.3 to 355.6 mm
	Scanner Glass Width	• Maximum 215.9 mm
	Scanner Glass Length	• (DCP-L8410CDW/MFC-L8690CDW) Maximum 300 mm

- (MFC-L8900CDW/MFC-L9570CDW)

  Maximum 355.6 mm

Print Media Specifications

Paper Input		Paper Type	• Plain Paper, Letterhead, Coloured Paper, Thin Paper, Recycled Paper
	Paper Tray (Standard)	Paper Size	• A4, Letter, A5, A5(Long Edge), A6, Executive, Legal, Folio, Mexico Legal
		Paper Weight	• 60 to 105 g/m2
		Maximum Paper Capacity	• Up to 250 sheets of 80 g/m2 Plain Paper
	Multi-Purpose Tray (MP tray)	Paper Type	• Plain Paper, Letterhead, Coloured Paper, Thin Paper, Thick Paper, Thicker Paper, Recycled Paper, Bond, Label, Envelope, Env. Thin, Env.Thick, Glossy Paper
		Paper Size	• Width: 76.2 to 215.9 mm • Length: 127 to 355.6 mm • Envelope: COM-10, DL, C5, Monarch
		Paper Weight	• 60 to 163 g/m2
		Maximum Paper Capacity	• Up to 50 sheets of 80 g/m2 Plain Paper • Envelope: 10 envelopes up to 10 mm thick
	Paper Tray 2, 3, 4 (Optional) *1 *2	Paper Type	• Plain Paper, Letterhead, Coloured Paper, Thin Paper, Recycled Paper
		Paper Size	• A4, Letter, A5, Executive, Legal, Folio, Mexico Legal
		Paper Weight	• 60 to 105 g/m2

		Maximum Paper Capacity	• LT-330CL Up to 250 sheets of 80 g/m2 Plain Paper • LT-340CL *3 Up to 500 sheets of 80 g/m2 Plain Paper
Paper Output *4	Face Down Output Tray		• Up to 150 Sheets of 80 g/m2 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, Coloured Paper, Thin Paper, Recycled Paper, Glossy Paper
		Paper Size	• A4
		Paper Weight	• 60 to 105 g/m2

*1
(DCP-L8410CDW/MFC-L8690CDW) Maximum number of Lower Trays: Up to three LT-330CL Lower Trays
*2
(MFC-L8900CDW/MFC-L9570CDW) Maximum number of Lower Trays: Up to three LT-330CL Lower Trays or up to two Lower Trays in any other combinations
*3
Applicable to MFC-L8900CDW/MFC-L9570CDW
*4
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		• (MFC-L8690CDW/MFC-L8900CDW/MFC-L9570CDW) Yes (from ADF)
Scanning Width		• Maximum 208 mm
Printing Width		• Maximum 208 mm
Greyscale		• 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		• 3 times at 5 minutes intervals
Memory Transmission		• Up to 500 pages *1
Out of Paper Reception		• Up to 500 pages *1

*1
‘Pages’ refers to the ‘ITU-T Test Chart #1’ (a typical business letter, Standard resolution, JBIG code).

Copy Specification

Copy Width	• Maximum 210 mm
Automatic 2-sided Copy	• (MFC-L8690CDW/MFC-L8900CDW/MFC-L9570CDW) Yes (from 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 16 seconds at 23 °C / 230 V Colour • Less than 17 seconds at 23 °C / 230 V

*1
From Ready Mode and standard tray

Scanner Specifications

Colour / Black	• Yes / Yes
TWAIN Compliant	• Yes (Windows® 7 / Windows® 8 / Windows® 8.1 / Windows® 10) (macOS v10.10.5, v10.11.x, v10.12)
WIA Compliant	• Yes (Windows® 7 / Windows® 8 / Windows® 8.1 / Windows® 10)
ICA Compliant	• Yes (macOS v10.10.5, v10.11.x, v10.12)
Colour Depth	• 48 bit colour Processing (Input) • 24 bit colour Processing (Output)
Grey Scale	• 16 bit colour Processing (Input) • 8 bit colour Processing (Output)
Resolution *1	• Up to 19200 x 19200 dpi (interpolated) • Up to 1200 x 2400 dpi (from Scanner Glass) • Up to 1200 x 600 dpi (from ADF)

Scanning Width	• Maximum 210 mm
Automatic 2-sided Scanning	• (MFC-L8690CDW/MFC-L8900CDW/MFC-L9570CDW) Yes (from ADF)

*1
Maximum 1200 × 1200 dpi scanning with the WIA driver in Windows® 7, Windows® 8, Windows® 8.1 and Windows® 10 (resolution up to 19200 × 19200 dpi can be selected by using the scanner utility)

Printer Specifications

Automatic 2-sided Print		• Yes
Emulation		• PCL6, BR-Script3, PDF Version 1.7, XPS Version 1.0
Resolution		• 600 x 600 dpi, 2,400 dpi class (2400 x 600) quality
Print Speed *1 *2	1-sided print	Monochrome • Up to 33 pages/minute (Letter size) Up to 31 pages/minute (A4 size) Colour • Up to 33 pages/minute (Letter size) Up to 31 pages/minute (A4 size)
	2-sided Print	Monochrome • Up to 14 sides/minute (Up to 7 sheets/minute) (Letter or A4 size) Colour • Up to 14 sides/minute (Up to 7 sheets/minute) (Letter or A4 size)
First Print Time *3		Monochrome • Less than 15 seconds at 23 °C / 230 V Colour • Less than 15 seconds at 23 °C / 230 V

*1

The print speed may change depending on the type of document you print.
*2
Print speed may be slower when the machine is connected by wireless LAN.
*3
From Ready mode and standard tray

Interface Specifications

USB *1 *2	• Hi-Speed USB 2.0 Use a USB 2.0 interface cable that is no more than 2.0 metres long.
LAN	• 10Base-T/100Base-TX/1000Base-T *3 *4
Wireless LAN	• IEEE 802.11b/g/n (Infrastructure Mode) IEEE 802.11g/n (Wi-Fi Direct®)
NFC *5	• (MFC-L8900CDW/MFC-L9570CDW) 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 ports are not supported.
*3
Use a straight-through Category 5e (or greater) twisted-pair cable.
*4
When you connect the machine to a Gigabit Ethernet Network, use network devices complying with the 1000BASE-T specification.
*5
When you connect an external IC card reader, use a HID class driver supported device.

Direct Print Feature Specifications

Compatibility	• PDF version1.7, JPEG, Exif+JPEG, PRN (created by own printer driver), TIFF (scanned by Brother models), XPS version 1.0
Interface	• USB direct interface : Front x 1, Rear x 1(MFC-L9570CDW)

Supported Protocols and Security Features

Ethernet

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

Wireless LAN

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), SNTP Client, LDAP, IMAP4

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, SNTP Client, LDAP, Web Services (Print/Scan), IMAP4

Network Security (Wired)

APOP, SMTP-AUTH, SSL/TLS (IPPS, HTTPS, SMTP, POP3, IMAP4), SNMP v3 802.1x (EAP-MD5, EAP-FAST, PEAP, EAP-TLS, EAP-TTLS), Kerberos, IPSec

Network Security (Wireless)

APOP, SMTP-AUTH, SSL/TLS (IPPS, HTTPS, SMTP, POP3, IMAP4), SNMP v3, 802.1x (LEAP, EAP-FAST, PEAP, EAP-TLS, EAP-TTLS), Kerberos, IPSec

Wireless Network Security

WEP 64/128 bit, WPA-PSK (TKIP/AES), WPA2-PSK (TKIP/AES) *1

Wireless Certification

Wi-Fi Certification Mark License (WPA™/WPA2™ - Enterprise, Personal), Wi-Fi Protected Setup (WPS) Identifier Mark License, Wi-Fi CERTIFIED™ Wi-Fi Direct

*1
Wi-Fi Direct supports WPA2-PSK (AES) only.

Support & Downloads

MFC-L8900CDW



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- Downloads
- FAQs & Troubleshooting
- Manuals
- Consumables & Accessories
- Supported OS
- Specifications

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