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MFC-L9570CDW



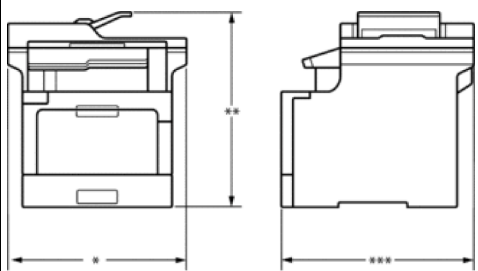
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MFC-L9570CDW
Specification

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General Specifications

Printer Type		• Laser	
Print Method		• Electrophotographic Laser Printer	
Memory Capacity	Standard	• (MFC-L8690CDW/MFC-L9570CDW) 1 GB	
LCD (Liquid Crystal Display)		• (MFC-L8690CDW) 3.7 in. (93.4 mm) TFT Colour touchscreen LCD ↗ • (MFC-L9570CDW) 7.0 in. (176.1 mm) TFT Colour touchscreen LCD ↗	
Power Source		• 220 to 240 V AC 50/60 Hz	
Power Consumption (Average)	Peak	• Approximately 1230 W	
	Printing ↗	• Approximately 580 W at 25 °C	
	Printing (Quiet Mode) ↗	• Approximately 340 W at 25 °C	
	Copying ↗	• Approximately 550 W at 25 °C	
	Copying (Quiet Mode) ↗	• Approximately 350 W at 25 °C	
	Ready ↗	• Approximately 70 W at 25 °C	
	Sleep ↗	• Approximately 10 W	
	Deep Sleep ↗	• (MFC-L8690CDW) Approximately 1.4 W • (MFC-L9570CDW) Approximately 1.7 W	
Power Off ↗ ↗ ↗ ↗		• Approximately 0.03 W	
Dimensions (Typical outline view)		Unit: mm • (MFC-L8690CDW) * : 435 ** : 539 *** : 526 • (MFC-L9570CDW) * : 495 ** : 549 *** : 526	
			
Weights (with supplies)		• (MFC-L8690CDW) 28.7 kg • (MFC-L9570CDW) 30.2 kg	
Noise Level	Sound Pressure	Printing	• LpAm = 49 dB (A)
		Printing (Quiet Mode)	• LpAm = 44 dB (A)
		Ready	• LpAm = Inaudible

	Sound Power	Printing	Monochrome <ul style="list-style-type: none"> LWAd = 6.55 B (A)
			Colour <ul style="list-style-type: none"> LWAd = 6.56 B (A)
		Printing (Quiet Mode)	Monochrome <ul style="list-style-type: none"> LWAd = 6.00 B (A)
			Colour <ul style="list-style-type: none"> LWAd = 6.00 B (A)
	Ready	<ul style="list-style-type: none"> LWAd = Inaudible 	
Temperature	Operating	<ul style="list-style-type: none"> 10 to 32 °C 	
	Storage	<ul style="list-style-type: none"> 0 to 40 °C 	
Humidity	Operating	<ul style="list-style-type: none"> 20 to 80% (without condensation) 	
	Storage	<ul style="list-style-type: none"> 10 to 90% (without condensation) 	
ADF (automatic document feeder)		<ul style="list-style-type: none"> (MFC-L8690CDW) Up to 50 sheets (MFC-L9570CDW) Up to 80 sheets <p>For best results we recommend:</p> <ul style="list-style-type: none"> 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.

Document Size Specification

Document Size	ADF Width	<ul style="list-style-type: none"> 105 to 215.9 mm
	ADF Length	<ul style="list-style-type: none"> 147.3 to 355.6 mm
	Scanner Glass Width	<ul style="list-style-type: none"> Maximum 215.9 mm
	Scanner Glass Length	<ul style="list-style-type: none"> (MFC-L8690CDW) Maximum 300 mm (MFC-L9570CDW) Maximum 355.6 mm

Print Media Specifications

Paper Input	Paper Tray (Standard)	Paper Type	<ul style="list-style-type: none"> Plain Paper, Letterhead, Coloured Paper, Thin Paper, Recycled Paper
		Paper Size	<ul style="list-style-type: none"> A4, Letter, A5, A5(Long Edge), A6, Executive, Legal, Folio, Mexico Legal
		Paper Weight	<ul style="list-style-type: none"> 60 to 105 g/m²
		Maximum Paper Capacity	<ul style="list-style-type: none"> Up to 250 sheets of 80 g/m² Plain Paper
	Multi-Purpose Tray (MP tray)	Paper Type	<ul style="list-style-type: none"> Plain Paper, Letterhead, Coloured Paper, Thin Paper, Thick Paper, Thicker Paper, Recycled Paper, Bond, Label, Envelope, Env. Thin, Env.Thick, Glossy Paper
		Paper Size	<ul style="list-style-type: none"> Width: 76.2 to 215.9 mm Length: 127 to 355.6 mm Envelope: COM-10, DL, C5, Monarch

		Paper Weight	<ul style="list-style-type: none"> • 60 to 163 g/m²
		Maximum Paper Capacity	<ul style="list-style-type: none"> • 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	Paper Type	<ul style="list-style-type: none"> • Plain Paper, Letterhead, Coloured Paper, Thin Paper, Recycled Paper
		Paper Size	<ul style="list-style-type: none"> • A4, Letter, A5, Executive, Legal, Folio, Mexico Legal
		Paper Weight	<ul style="list-style-type: none"> • 60 to 105 g/m²
		Maximum Paper Capacity	<ul style="list-style-type: none"> • LT-330CL Up to 250 sheets of 80 g/m² Plain Paper • LT-340CL Up to 500 sheets of 80 g/m² Plain Paper
Paper Output ²	Face Down Output Tray		<ul style="list-style-type: none"> • Up to 150 Sheets of 80 g/m² Plain Paper (face down delivery to the face down output paper tray)
	Face Up Output Tray		<ul style="list-style-type: none"> • One sheet (face up delivery to the face up output tray)
2-sided	Automatic 2-sided Printing	Paper Type	<ul style="list-style-type: none"> • Plain Paper, Letterhead, Coloured Paper, Thin Paper, Recycled Paper, Glossy Paper
		Paper Size	<ul style="list-style-type: none"> • A4
		Paper Weight	<ul style="list-style-type: none"> • 60 to 105 g/m²

*1 Maximum number of Lower Trays: Up to three LT-330CL Lower Trays or up to two Lower Trays in any other combinations

*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

Compatibility		<ul style="list-style-type: none"> • ITU-T Super Group 3
Coding System		<ul style="list-style-type: none"> • MH / MR / MMR / JBIG
Modem Speed		<ul style="list-style-type: none"> • 33,600 bps (with Automatic Fallback)
2-sided Print Receiving		<ul style="list-style-type: none"> • Yes
Automatic 2-sided Sending		<ul style="list-style-type: none"> • Yes (from ADF)
Scanning Width		<ul style="list-style-type: none"> • Maximum 208 mm
Printing Width		<ul style="list-style-type: none"> • Maximum 208 mm
Greyscale		<ul style="list-style-type: none"> • 8 bit / 256 levels
Resolution	Horizontal	<ul style="list-style-type: none"> • 203 dpi
	Vertical	<ul style="list-style-type: none"> • Standard: 98 dpi • Fine: 196 dpi • Super fine: 392 dpi • Photo: 196 dpi
Address Book		<ul style="list-style-type: none"> • 300 Locations
Groups		<ul style="list-style-type: none"> • Up to 20
Broadcasting		<ul style="list-style-type: none"> • 350 Locations
Automatic Redial		<ul style="list-style-type: none"> • 3 times at 5 minutes intervals
Memory Transmission		<ul style="list-style-type: none"> • Up to 500 pages ¹
Out of Paper Reception		<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Maximum 210 mm
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Automatic 2-sided Copy	<ul style="list-style-type: none"> • Yes (from ADF)
Sort Copy	<ul style="list-style-type: none"> • Yes
Stack Copy	<ul style="list-style-type: none"> • Up to 999 pages
Enlarge/Reduce	<ul style="list-style-type: none"> • 25 to 400% (in increments of 1%)
Resolution	<ul style="list-style-type: none"> • Maximum 1200 x 600 dpi
First Copy Out Time ¹	Monochrome <ul style="list-style-type: none"> • Less than 16 seconds at 23 °C / 230 V
	Colour <ul style="list-style-type: none"> • Less than 17 seconds at 23 °C / 230 V

*1 From Ready Mode and standard tray

Scanner Specifications

Colour / Black	<ul style="list-style-type: none"> • Yes / Yes
TWAIN Compliant	<ul style="list-style-type: none"> • Yes (Windows® 7 / Windows® 8 / Windows® 8.1 / Windows® 10) (macOS v10.10.5, v10.11.x, v10.12)
WIA Compliant	<ul style="list-style-type: none"> • Yes (Windows® 7 / Windows® 8 / Windows® 8.1 / Windows® 10)
ICA Compliant	<ul style="list-style-type: none"> • Yes (macOS v10.10.5, v10.11.x, v10.12)
Colour Depth	<ul style="list-style-type: none"> • 48 bit colour Processing (Input) • 24 bit colour Processing (Output)
Grey Scale	<ul style="list-style-type: none"> • 16 bit colour Processing (Input) • 8 bit colour Processing (Output)
Resolution ¹	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Maximum 210 mm
Automatic 2-sided Scanning	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Yes 	
Emulation	<ul style="list-style-type: none"> • PCL6, BR-Script3, PDF Version 1.7, XPS Version 1.0 	
Resolution	<ul style="list-style-type: none"> • 600 x 600 dpi, 2,400 dpi class (2400 x 600) quality 	
Print Speed ¹ ²	1-sided print	Monochrome <ul style="list-style-type: none"> • Up to 33 pages/minute (Letter size) • Up to 31 pages/minute (A4 size)
		Colour <ul style="list-style-type: none"> • Up to 33 pages/minute (Letter size) • Up to 31 pages/minute (A4 size)
	2-sided Print	Monochrome <ul style="list-style-type: none"> • Up to 14 sides/minute (Up to 7 sheets/minute) (Letter or A4 size)
		Colour <ul style="list-style-type: none"> • Up to 14 sides/minute (Up to 7 sheets/minute) (Letter or A4 size)
First Print Time ³	Monochrome <ul style="list-style-type: none"> • Less than 15 seconds at 23 °C / 230 V 	
	Colour	

	<ul style="list-style-type: none"> • Less than 15 seconds at 23 °C / 230 V
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- *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	<ul style="list-style-type: none"> • Hi-Speed USB 2.0 Use a USB 2.0 interface cable that is no more than 2.0 metres long.
LAN	<ul style="list-style-type: none"> • 10Base-T/100Base-TX/1000Base-T ³ ⁴
Wireless LAN	<ul style="list-style-type: none"> • IEEE 802.11b/g/n (Infrastructure Mode) IEEE 802.11g/n (Wi-Fi Direct®)
NFC ⁵	<ul style="list-style-type: none"> • (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	<ul style="list-style-type: none"> • PDF version 1.7, JPEG, Exif+JPEG, PRN (created by own printer driver), TIFF (scanned by Brother models), XPS version 1.0
Interface	<ul style="list-style-type: none"> • 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), SNTIP 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, SNTIP 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.