MFC-L8900CDW

Brother ALL-IN-ONE COLOUR LASER PRINTER

Professional colour laser printer, with userfriendly Touchscreen and advanced security

Designed with business features, the MFC-L8900CDW combines the flexibility of offering a wide selection of paper inputs together with print speeds of up to 31ppm and 2-sided scan speeds of up to 56ipm in both mono and colour.





Key

Fast Anti-speeds of up to 31ppm colour and mono

Paper input of up to 300 sheets.

Maximum paper input of up to 2,380 sheets

Automatic 2-Sided Printing

2-sided scan speed of 56ipm colour & mono

Optional high-yield replacement cartridges, 9,000 black, 6,500 page cyan, magenta and yellow toner cartridges

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

reader

Intuitive 12.6cm Colour Touchscreen

Increase productivity levels

- Productivity is increased significantly thanks to the fast print speeds of up to 31ppm in colour and mono.
- Maximise your efficiency with built-in wireless IEEE 802.11b/g/n and ethernet 10Base-T/100Base-TX/1000Base-T.
- Easily print from your mobile device, using Brother's iPrint&Scan, Android print service plug-in, Google Cloud print 2.0, Mopria and AirPrint.
- Outstanding paper handling options with a standard paper capacity of up to 300 sheets expandable to 2,380 sheets.

Meeting security challenges

 Modern businesses demand the highest levels of security. With Secure Function Lock 3.0, Internet Protocol Security (IPsec), 802.1x and Secure Print, you can be confident that your documents are safe with near field communication (NFC) functionality.

Flexible and low running costs

Designed for high volume printing environments, the MFC-L8900CDW includes a 3,000 page black and 1,800 page cyan, magenta and yellow toners, and can take optional 9,000 page black and 6,500 page cyan, magenta and yellow toners to lower your running costs even further.



General

Ceneral		
Technology	Electrophotographic Laser Printer	
Laser Classification	Class 1 laser product (IEC 60825-1:2007)	
Processor	800MHz – Sub: 133Mhz	
Local Interface	Hi-Speed USB 2.0 & USB Host	
Wired Network Interface	Ethernet 10Base-T/100Base-TX/1000Base-T	
Wireless Network Interface	IEEE 802.11b/g/n	
Standard Memory	512MB	
Display	12.6cm Colour Touchscreen	
Shortcuts	64	
Colour Printer		
Automatic 2-Sided Printing	Print on to both sides of the paper automatically	
Print Speed Standard (A4)	Up to 31ppm (pages per minute) colour & mono	
Print Speed 2-Sided (A4)	Up to 14 sides per minute (7 sheets per minute) colour & mono	
Resolution	2,400dpi (2,400 x 600dpi), 600 x 600dpi	
Quiet Mode	A mode to reduce the printing noise by reducing the print speed to 15ppm	
FPOT (First Print Out Time)	Less than 15 seconds colour & mono from ready mode	
Warm-Up Time	Less than 31 seconds from sleep mode	
Print Languages	PCL6, BR-Script3 (PostScript [®] 3™Language Emulation), PDF 1.7, XPS 1.0	
Embedded Fonts (PCL)	66 scalable fonts, 12 bitmap fonts, 16 barcodes	
Embedded Fonts (Postscript)	66 scalable fonts	
Embedded Barcodes (PCL)	Code39, Interleaved 2 of 5, FIM (US-PostNet), 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), Code93, GS1Databar, MSI	
Printer Driver		
Windows®	Windows 10° (32 & 64 bit editions) Windows 8° (32 & 64 bit editions) Windows 7° (32 & 64 bit editions) Windows [®] Server 2016, 2012, 2012R2 & 2008R2 Windows [®] Server 2008 (32 & 64 bit editions) *Windows [®] Server supports network printing only	
Macintosh⁵	Mac OS v10.10.5, v10.11.x, v10.12	
Linux⁵	CUPS, LPD/LPRng (x86/x64 environment)	
PostScript Universal Printer Driver	Driver for Windows [®] that enables you to print to any network or locally connected Brother laser printer that supports PostScript	
PCLDriver	Generic PCL XL driver	
NFC		
Integrated NFC	Supports NFC cards for secure authentication or shortcuts and NFC supported mobile devices for direct printing and scanning	
External NFC Card Reader Support	Support for external NFC readers via the front USB port	

Printer Functions

Printer Functions		
N-up Printing	Reduce up to 2, 4, 9, 16 or 25 A4 pages into just one A4 page (Mac, up to 2, 4, 6, 9, or 16)	
Poster Printing	Enlarge 1 A4 page into a poster using 4, 9, 16 or 25 A4 pages	
Watermark Printing	Watermark your documents with predefined text or with your own user-defined messages	
ID Printing	Add identification to your printed documents (date & time, short custom message or PC username)	
Automatic 2-Sided Print	Print on to both sides of the paper automatically	
Manual 2-Sided Print	Manual 2-sided printing (recommended for media not supported by automatic 2-sided print)	
Booklet Printing	Print documents in A5 booklet format using automatic or manual 2-sided print	
Print Profiles	Store your favourite driver settings as profiles to easily recall them	
USB Host		
Direct Print	Print directly from a USB flash memory drive. The supported file formats include: PDF version1.7, JPEG, Exif+JPEG, PRN (created by own printer driver), TIFF (scanned by Brother model), XPS version 1.0	
Direct Scan	Scan directly to a USB flash memory drive. The supported file formats include: PDF, PDF/A, Secure PDF, Signed PDF, JPEG, XPS, TIFF	
USB Input Port	Rear USB port for use with an external NFC card reader	
Standard Paper Hand	dling	
Paper Input ²	Lower Tray – 250 sheets Multi Purpose Tray – 50 sheets Automatic Document Feeder – 70 Sheet	
Paper Output ²	Face Down - 150 sheets Face Up (Straight Paper Path) - 1 sheet	
Optional Paper Hand	lling	
Paper Input ²	250 Sheets (LT-330CL) 500 Sheets (LT-340CL) Maximum of 3 optional trays (LT-330CL) or maximum of 2 optional trays (LT-340CL and/ or LT-330CL) 4 x 520 sheet tower tray (TT-4000 & TC-4000)	
Paper Input / Output		
Input	Onscreen & optional email alerts notifying you when any of the paper input trays are nearly empty or empty	
Media Specification		
Media Types & Weights	Standard Tray – plain, recycled, coloured and letterhead (between 60 - 105g/m²) Multi Purpose Tray - plain, recycled, bond, coloured, letterhead and glossy ⁹ paper (between 60 - 163g/m²) 2-sided Print - plain, recycled, coloured, letterhead and glossy ⁹ paper (between 60 - 105g/m²) Automatic Document Feeder - Plain & recycled paper (between 64 - 90g/m²)	
Envelope & Label Printing	Yes, from the Multi Purpose Tray: support for 10 envelopes up to 10mm total thickness	
Media Sizes	A4, Letter, A5, A5(Long Edge), A6, Executive, Legal, Folio, Mexico Legal Multi Purpose Tray- Width: 76.2mm to 215.9mm x Length: 127mm to 355.6mm Automatic Document Feeder - Width: 105mm to 215.9mm x Length: 147.3mm to 355.6mm 2-sided Print – A4	

¹ Approx declared yield value in accordance with ISO/IEC 19798
² Calculated with 80g/m² paper
³ Windows[®] & Mac only
⁴ Windows[®] only
⁶ Optional download
⁶ Must be web connected
⁷ Requires Brother software
⁸ Maximum number of printed pages per month can be used to compare designed durability between like Brother products.
For maximum printer life, it is best to choose a printer with a duty cycle that far exceeds your print requirements
⁹ Only a single sheet supported in the Multi PurposeTray

Colour Scanner

Colour Scarmer	
Scanner Type	Duel CIS (Contact Image Sensor)
Automatic 2-Sided Scanning	Yes
Colour & Mono Scanning	Yes
Scan Speed	28ipm (images per minute) colour & mono
2 Sided Scan Speed	56ipm (images per minute) colour & mono
Scan Resolution from ADF	Up to 1,200 x 600dpi
Scan Resolution from Scanner Glass	Up to 1,200 x 2,400dpi
Interpolated Scan Resolution ⁷	Up to 19,200 x 19,200dpi
Colour Depth	16, 777, 216 colour variations (24 bit)
Grey Scale	256 shades of grey (8 bit)
Standard Functions ⁷	Scan to USB, E-mail, OCR, Image & File
Network Scanning	Scan to network folder (Windows®only), FTP, SFTP, Email Server, SharePoint & Easy Scan to Email ⁶
Cloud Scanning ⁶	Scan direct to Box, Dropbox, Evernote [™] , Google Drive [™] , OneDrive, Flickr,Facebook, OneNote
Scan Features	Remove Background, Skip Blank Page, ID Scan, 1 to 2 Scan, Auto Deskew from ADF, Split PDF
Scan to Microsoft Office	Scan to Microsoft [®] Word, Microsoft [®] Excel & Microsoft [®] PowerPoint
Scan to Searchable PDF	Scan documents to searchable PDF files
Scan to SharePoint	Scan documents directly into SharePoint
Outline & Scan ⁶	Draw around items to either scan a section or remove a section from the original document
Windows® Web Services Scanning	Scan direct into Windows [®] (from Windows [®] 7 & onwards) without needing to install a scanner driver
Note Scan ⁶	Scan and organise notes taken on the folding note papers
Scanner Driver	
Windows®	TWAIN, WIA & ISIS Windows 10 [®] (32 & 64 bit editions) Windows [®] 8 (32 & 64 bit editions), Windows [®] 7 (32 & 64 bit editions),
Macintosh⁵	TWAIN & ICA Mac OS v10.10.5, v10.11.x, v10.12
Linux⁵	SANE(32 & 64 bit editions)
Address Book	
Speed Dials	300 locations for E-mail addresses and Fax numbers
Group Dial	A combination of up to 20 groups can be stored for broadcasting

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Speed –(A4)	Up to 31cpm (copies per minute) colour & mono
FCOT (First Copy Out Time)	Less than 17 seconds colour & less than 16 seconds mono from ready mode
Resolution	Up to 1,200 x 600dpi
Multi-Copying / Stack / Sort	Makes up to 99 copies of each page / Stacks or Sorts
Enlargement / Reduction Ratio	Reduce or Increase document sizes from 25% to 400% in 1% increments
N in 1 Copying	Allows the user to compress 2 or 4 pages on to a single A4 sheet
2in1 ID Copying	Allows the user to copy both sides of an ID card to a single A4 sheet
Grey Scale	256 shades of grey are available for copying
Receipt Copying	Produces clearer copies of receipts
Outline and Copy ⁶	Copies or deletes areas outlined by a red pen
Mobile / Web Based P	Printing & Scanning
Brother iPrint&Scan (Android)	Print from, scan to, send faxes, preview received faxes, preview copies and check the machine status from an Android device
Brother iPrint&Scan (iPad / iPhone / iPod)	Print from, scan to, send faxes, preview received faxes, preview copies and check the machine status from an iPad / iPhone / iPod Touch
Brother iPrint&Scan (Windows [®] Phone)	Print from and scan to a smart phone running the Windows [®] Phone Operating System
Brother Print&Scan (Windows [®] 8, 10 & RT)	Print from and scan to a Windows [®] 8,10 or Windows RTTablet
Google Cloud Print2.0	Print most common file types from any Google Cloud Print enabled application
AirPrint	Print most common file types from any AirPrint enabled application
Mopria	Print most common file types from Mopria supported Android devices
Brother Print Service Plugin	Print from Android devices without a dedicated App
Box ⁶	Print from and scan to Box without using a PC
Dropbox ⁶	Print from and scan to Dropbox without using a PC
Evernote™	Print from and scan to Evernote™without using a PC
Google Drive ^{™6}	Print from and scan to Google Drive [™] without using a PC
OneDrive ⁶	Print from and scan to Microsoft [®] OneDrive without using a PC
Flickr ^{®6}	Print from and scan to Flickr® without using a PC
Facebook ^{®6}	Print from and scan to Facebook [®] without using a PC
OneNote ⁶	Scan to Microsoft® OneNote without using a PC
Folding Notes ⁶	Create handy folding note papers
Creative Centre ⁶	Download and print Brother Creative Center content

LDAP

¹ Approx declared yield value in accordance with ISO/IEC 19798
² Calculated with 80g/m² paper
³ Windows[®] & Mac only
⁴ Windows[®] only
⁶ Optional download
⁶ Must be web connected
⁷ Requires Brother software
⁸ Maximum number of printed pages per month can be used to compare designed durability between like Brother products.
For maximum printer life, it is best to choose a printer with a duty cycle that far exceeds your print requirements
⁹ Only a single sheet supported in the Multi PurposeTray

The ability to connect to an external LDAP enabled address book, like Microsoft® Exchange

Network & Security

Network & Security		
Wired Network	Built in Ethernet 10Base-T/100Base-TX/1000Base-T	
Wireless Network	IEEE 802.11b/g/n (Infrastructure Mode / Adhoc Mode)	
Wi-Fi Direct™	Print wirelessly without having to go through a wireless access point (both automatic and manual methods supported)	
Wireless Setup Support	Wi-Fi Protected Setup (WPS)	
Wireless Applications	Vertical Pairing	
Network Protocols	TCP/IP (IPv4 and IPv6)	
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	
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	
Wired Network Security	APOP, SMTP-AUTH, SSL/TLS (IPPS, HTTPS, SMTP, POP3, IMAP4), SNMP v3 802.1x (EAP-MD5, EAP-FAST, PEAP, EAP- TLS,	
Wireless Network Security	EAP-TILS), Kerberge, IPsec WEP 64/128 bit, WPA-PSK (TKIP/AES), WPA2- PSK (TKIP/AES) APOP, SMTP-AUTH, SSL/TLS (IPPS, HTTPS, SMTP, POP3, IMAP4), SNMP v3, Kerberos, IPsec, 802.1x (LEAP, EAP-FAST, PEAP, EAP- TLS, EAPTTLS)	
Print Log To Network	Records printing activities from each individual user, including network username, name of document printed and number of pages, to a file on a network	
E-mail Notifications	Automatically have the device send an E-mail to a nominated E-mail address when it requires attention	
E-mail Reports	Receive usage reports on a regular basis via E-mail	
IPv4 Filter	Restrict which network users either can or cannot access the device over the network	
Secure Function Lock 3.0	Restrict access to individual or groups of users over a network. Can be used with PC User Login Names for up to 200 users	
Setting Lock	Restrict access to the control panel	
Secure Print ³	Protect print jobs with a 4 digit PIN that has to be entered at the control panel of the printer before printing	
Active Directory Authentication	Retrieve stored print jobs & control access to the devices functionality by using credentials from Active Directory	
LDAP Authentication	Retrieve stored print jobs & control access to the devices functionality using credentials from an LDAP supported database	
PrintSmart Solution (o	ptional)	
PrintSmart CostControl	Monitor and control printing costs for all Brother and 3rd party devices	
PrintSmart SecurePro	Secure pull printing plus the benefits of PrintSmart CostControl	

Fleet Management Tools

Unattended Installer⁴	Ability to centrally deploy and customise our drivers and software	
MSI Installer ⁴	Modular installers that can be distributed through Active Directory®	
Embedded Web Server	Web based print management software embedded onto the device	
BRAdmin Professional3485	LAN/WAN management software	
Driver Deployment Wizard ⁴	Easily create print drivers for hassle free deployment over your network	
Developers		
Brother Solution Interface (BSI)	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: www.brother.eu/developers	
Supplies & Accessorie	es	
Inbox Toners	Black Toner – 3,000 pages¹ Cyan, Magenta & Yellow Toners - 1,800 pages¹	
Standard Yield Toners	Black Toner (TN-421BK) 3,000 pages ¹ Cyan Toner (TN-421C) 1,800 pages ¹ Magenta Toner (TN-421M) 1,800 pages ¹ Yellow Toner (TN-421Y) 1,800 pages ¹	
High Yield Toners	Black Toner (TN-423BK) 6,500 pages ¹ Cyan Toner (TN-423C) 4,000 pages ¹ Magenta Toner (TN-423M) 4,000 pages ¹ Yellow Toner (TN-423Y) 4,000 pages ¹	
Super High Yield Toners	Black Toner (TN-426BK) 9,000 pages ¹ Cyan Toner (TN-426C) 6,500 pages ¹ Magenta Toner (TN-426M) 6,500 pages ¹ Yellow Toner (TN-426Y) 6,500 pages ¹	
Other Supplies	Drum (DR-421CL) Approx. 30,000 pages (1page/job) Approx. 50,000 pages (3page/job) Belt (BU-330CL) Approx. 50,000 pages (1page/job) Approx. 130,000 pages (3page/job) Waste Toner Box (WT-320CL) approx 50,000 pages	
LT-330CL	Optional 250 sheet Lower Tray	
LT-340CL	Optional 500 sheet Lower Tray	
TT-4000	Tower Tray 4 x 520 sheet (TC-4000 also needed)	
TC-4000	Tower Tray Connector	
CH-1000	Card Reader Holder	
Carton Contents	Toner Cartridges, Drum, Belt, Waste Toner Box, Power Supply Cord, Driver Software For Windows®, Quick Set-Up Guide, PC Interface Cable NOT Included, Telephone line cord	

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. For example glossy coated paper will result in a shortened life of such supplies.

Duty Cycles	
Recommended Monthly	Up to 4,000 pages monthly print volume
Maximum Monthly ⁸	Up to 60,000 pages monthly print volume
Dimensions & Weight	:
With Carton (WxDxH)	665 x 595 x 654mm 35Kg
Without Carton (WxDxH)	495 x 526 x 549mm 28.7Kg

Environment

brother

at your side

PowerConsumption	Printing - 580W, ready - 70W, sleep – 10W, deep sleep – 1.4W, power down - 0.03W
TEC Value	1.9kWh/Week
Sound Pressure Level	Printing - 49dbA, quiet mode printing – 44dbA, ready – inaudible
Sound Power Level	Printing – 6.56BA, quiet mode printing – 6.0BA, ready – inaudible
PowerSaving	This enables the printer to consume less energy when not in use
Toner Saving	This reduces the toner usage and helps to reduce the total cost of printer ownership
Energy Star	Yes
Blue Angel	Yes
Nordic Swan	Yes

Fav

Fax		
Fax Modem	33,600bps (Super G3)	
Automatic 2-Sided Faxing	Yes	
Internet Fax (iFax)	Fax documents anywhere in the world over the Internet without the use of a telephone line	
Fax to Server	Sends faxes to a server	
PC Fax Send	Send faxes directly from your PC	
PC Fax Receive	Receive faxes directly to your PC	
Automatic Redial	Automatic redialling if the recipient fax is busy	
Telephone Index	An electronic, alphabetical listing of stored speed dials and group numbers	
Chain Dialling	Allows the user to store parts for long dialling sequences in different speed dial locations	
Distinctive Ring Detection (UK & Denmark only)	An external service that allows two or more telephone numbers shared on a single fixed line and use different ring tones	
Speaker / Ring volume	3 levels and off	
Fax / Tel Switch	Automatic recognition of fax and telephone reception	
Super Fine	Enables quality transmission of very small print and line drawings	
Contrast	Auto / light / dark	
Enhanced Remote Activate	Transfer a fax call, answered on an extension phone, to the fax machine	
Delayed Timer	Up to 50	
Quick-Scan	Approximately 2.5 seconds per page A4 standard resolution	
Memory Transmission	Up to 500 pages (ITU-T Test Chart, Standard Resolution, JBIG)	
Out of Paper Reception	up to 500 pages (ITU-T Test Chart, Standard Resolution, JBIG)	
Dual Access	Allows the operator to perform 2 different tasks on the machine at the same time	
Broadcasting	Send the same fax message to up to 350 separate locations (manual 50 locations)	
Batch Transmission	Stores documents for the same location in the machines memory for transmission in a singlecall	
Auto Reduction	When receiving a single page document longer than A4 (297mm) the fax machine will automatically reduce the message to fit onto a single A4 sheet	
ECM (Error Correction Mode)	The MFC will detect line errors during fax transmission and resend the page(s) of the document that had an error (recipient machines must share this feature for it to work)	
Fax Forwarding	Sends a fax received in memory to another pre-programmed fax number	
Remote Access	Allows users to remotely access their machine	
Fax Retrieval	Allows remote access to faxes stored in the machine	
Remote Maintenance	Allows users to maintain their MFC remotely	
Remote Set-up ³	Allows users to set-up the MFC from their PC	
Grey Scale	256 shades (8 bit) of grey are available for faxing	
Fax Preview	Preview received faxes on the screen	
Fax stamp	Add the date and time to all received faxes	
Cover Page	Create custom cover pages for outgoing faxes	



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

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Brother Earth