



# Colour Laser A4 Multi-Function Printer

Compact Design, Expertly Engineered

**MFC-L8390CDW**



PRINT



SCAN



COPY



FAX



WIRELESS

[www.brother.co.nz](http://www.brother.co.nz)

# Professional Colour Laser A4 Multi-Function Printer

Combining professional performance with fast print speeds, minimal maintenance, and long-lasting supplies.

The compact, whisper-quiet MFC-L8390CDW has been expertly engineered to meet the needs of your office with ease.

## MFC-L8390CDW



### Key features:

- Fast print speeds of up to 30 pages per minute<sup>9</sup>
- Large paper capacity of 250 sheets, plus expandable up to 500 sheets with additional optional trays<sup>6</sup>
- Automatic 2-sided (duplex) printing and scanning
- 50 sheet 2-sided (duplex) Auto Document Feeder (ADF)<sup>6</sup>
- Easy to use 8.76cm colour LCD touchscreen
- Gigabit ethernet, 2.4GHz/5GHz Wi-Fi and USB 2.0 connectivity
- NFC for secure authentication
- Print or scan directly from desktop, USB or mobile app
- 512MB internal memory
- Up to 2,600 black and 1,400 colour pages in-box toners<sup>11</sup>
- Super high-yield replacement toners available, up to 4,500 black and 4,000 colour pages<sup>11</sup>



#### Compact and expertly engineered

Designed by experts, our most compact, professional colour laser printer delivers high-quality outputs every time, allowing you to make the most of your office space. Every component has been optimised to reduce the overall size of the device without compromising on performance. With easy paper access and the ability to add an optional paper tray for additional flexibility, this device has been developed for high print volumes to meet the needs of a busy office.



#### Quiet without compromise

With its streamlined design, the MFC-L8390CDW is engineered to print quietly whilst delivering speeds up to 25% faster than the previous generation, so you can print continuously without distraction and focus on your work.



#### Solutions ready

Automate workflows and improve business processes and security with print management solutions. A suite of document management, security and workflow solutions can be added to the MFC-L8390CDW to provide additional professional features to further improve your business processes.



#### Seamless integration

As a Brother customer, you'll have access to a wide choice of leading software vendors, including PaperCut, Kofax and YSoft, to create tailored solutions for your specific requirements that ensure your MFC-L8390CDW works even harder to meet your needs.



#### Make printing easy with Brother MPS

Managed Print Services (MPS) supports you to get the best out of your devices - that's why the MFC-L8390CDW has been designed with MPS in mind. Whatever your printing needs, we'll be at your side to find the solution that simplifies printer admin, saves time, keeps costs down, and helps you stay productive, delivering a service that's the right fit for your business.



#### Secure by design

To keep pace with the ever-evolving legislation on privacy and data security, our devices offer the latest industry-standard security features to protect your data. The MFC-L8390CDW provides a range of robust features including triple-layer security at a device, network and document level which is verified through external security certification. This offers added peace of mind and guarantees that the integrity of your data is maintained at every step.



#### Designed to go the distance

Built to perform for longer, the MFC-L8390CDW has been designed with you in mind. Made from robust and hard-wearing materials and supported by outstanding service as standard, Brother's award-winning reliability allows you to deliver uncompromised performance at all times.



#### Brother at your side support

Wherever you are in New Zealand, Brother offers free, 24/7 NZ-based support for the lifetime of your product.

General	
Engine	Colour LED
Carton Contents	Printer, Quick Setup Guide, Users Guide, CD-ROM (Windows), Power Cord, CMYK Toner (TN258C/TN258M/TN258Y/TN258BK) Up to 1,000 pages <sup>11</sup>
Display	
LCD Display	8.76cm Colour LCD (7.3 x 6.9cm Touchscreen)
Shortcuts	48
Printer	
Standard Memory	512MB
Print Speed <sup>9</sup>	Up to 30 ppm Mono / Up to 30 ppm Colour
2-Sided Print Speed <sup>9</sup>	Up to 12/12 sides per minute or 6/6ppm (Mono/Colour, based on ISO/IEC 24734)
2-Sided Print	Yes (Automatic)
Emulation	PCL6, BR-Script3
Printer Resolution	600 x 600 dpi, 2400 dpi (2400 x 600) quality
First Print Out Time <sup>10</sup>	Less than 12.5 secs Mono/Colour (From Ready mode and standard tray), Less than 30 secs Mono/Colour (From Sleep mode and standard tray)
Warm Up Time	Less than 24 sec from Sleep, Less than 28 sec from Power On
Resident Barcodes	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
Resident Fonts	<b>PCL:</b> 73 scalable fonts, 12 bitmap fonts, 16 bar codes <b>PS:</b> 66 scalable fonts
Quiet Mode	A mode to reduce the printing noise by reducing the print speed
Recommended Monthly Print Volume <sup>8</sup>	Up to 2,000 pages
Direct Print/Scan Feature	
Digital-Media Type	USB Flash Memory
Digital-Media Spec	USB Flash Memory (FAT, FAT32, exFAT)
Digital-Media Format	<b>Print:</b> PDF version 1.7, JPEG, Exif-JPEG, PRN(created by own printer driver), TIFF(scanned by Brother model), XPS version 1.0, <b>Scan to USB:</b> JPEG/PDF
Direct USB	Print/Scan
Connectivity	
Interface	Hi-Speed USB 2.0, 10Base-T/100Base-TX Ethernet and IEEE 802.11 b/g/n Wireless
USB Interface	Hi-Speed USB 2.0
Wired Interface	10Base-T/100Base-TX/1000Base-T Ethernet
Wireless Interface	2.4GHz IEEE 802.11b/g/n, 5GHz IEEE 802.11a/n
Wi-Fi Direct	Yes
USB Host	Direct Print/Scan
NFC	Mobile iPrint&Scan / Link to Solutions Centre / NFC Shortcut
Wireless Mode	<b>2.4GHz</b> IEEE 802.11b/g/n (Infrastructure Mode mode), <b>5GHz</b> IEEE 802.11a/n (Infrastructure Mode mode)
Wireless Setup Support Utility	Wi-Fi Protected Setup (WPS)
Network Protocols IPV4	ARP, RARP, BOOTP, DHCP, APIPA(Auto IP), WINS/NetBIOS name resolution, DNS Resolver, mDNS, LLNMR responder, LPR/LPD, Custom Raw Port/Port9100, POP3, SMTP Client, IPP/PPS, FTP Client and Server, CIFS Client, TELNET Server, SNMPv1/v2c/v3, HTTP/HTTPS server, TFTP client and server, ICMP, Web Services (Print/Scan), SNMP Client, LDAP, IMAP4, Syslog
Network Protocols IPV6	NDP, RA, DNS resolver, mDNS, LLNMR responder, LPR/LPD, Custom Raw Port/Port9100, IPP/PPS, POP3, SMTP Client, FTP Client and Server, CIFS Client, TELNET Server, SNMPv1/v2c/v3, HTTP/HTTPS server, TFTP client and server, ICMPv6, SNMP Client, LDAP, Web Services (Print/Scan), IMAP4, Syslog
Digital Copier	
Copier Speed <sup>9</sup>	Up to 30 cpm Mono / Up to 30 cpm Colour
First Copy Out Time	Less than 13.5/14.5 secs (Mono/Colour) from Ready mode, Less than 30/30 secs (Mono/Colour) from Sleep mode
2-Sided Copy	Duplex Scan to Duplex Print
Copier Resolution	600 x 600 dpi
Reduction-Enlargement Ratio	25 - 400 percent in 1 percent increments
Copier N-in-1	2 in 1 & 4 in 1 (A4/LTR Mono/Colour)
Copier Multi Sort	Yes
Copier Multi Stack	Up to 999 copies

Security	
Wired Security	<b>eMail:</b> SMTP-AUTH, SSL/TLS (IPP, HTTP, SMTP), SNMP v3 <b>Authentication Protocol:</b> 802.1x (EAP-MD5, EAP-FAST, PEAP, EAP-TLS, EAP-TTLS), Kerberos, IPsec
Wireless Security	<b>eMail:</b> SMTP-AUTH, SSL/TLS (IPP, HTTP, SMTP), SNMP v3 <b>Authentication Protocol:</b> 802.1x (EAP-FAST, PEAP, EAP-TLS, EAP-TTLS), Kerberos, IPsec
Wireless Security Protocols	WEP 64/128 bit, WPA-PSK (TKIP/AES), WPA2-PSK (TKIP/AES), WPA3-SAE(AES), Wi-Fi Direct supports WPA2-PSK (AES) only
LDAP Authentication	Yes
Active Directory Authentication	Yes
IPv4-Filter	Yes
Secure Print	Windows/Mac
Secure Function Lock	Version 3, 100 users
Network Management Utilities	
Network Management	<b>Windows:</b> BRAdmin Light, Web Base Management, BRAdmin Professional, Network Remote Setup <b>Mac:</b> Web Base Management, Network Remote Setup <b>Linux:</b> Web Base Management
Web Based Management	Yes
BRAdmin Professional <sup>1</sup>	For LAN / WAN management using Windows® PC
Email Alerts	E-mail Notification and E-mail Reports
Mobile/Web Printing	
Mobile Connect <sup>1</sup>	Use Brother Mobile Connect to print as well as manage your machine and customise its features.
Web Connect <sup>7</sup>	<b>Scan To/Download and Print from:</b> Google Drive, Dropbox, OneDrive, Box, OneNote <b>Scan To:</b> Evernote <b>Print from:</b> Creative Centre
AirPrint	Print most common file types from any Apple AirPrint enabled application
Mopria <sup>1</sup>	Print most common file types from Mopria™ supported Android devices
Google ChromeOS	Print, Scan
Android Print Service Plugin <sup>1</sup>	Print directly from your Android devices (Android 5.0 or later), to your Brother printer through a Wi-Fi or Wired network
Brother Apps <sup>7</sup>	Office Doc Creator, Easy Scan to Email, Fax Forward to Cloud / Email, Enlarge Text Copy, Scan to Mobile
Paper Handling <sup>6</sup>	
Standard Paper Capacity	Up to 250 Sheets
Multi-Purpose Tray Capacity	Up to 30 sheets / 3 Envelopes
Envelopes Input	Up to 3 envelopes face down (MP tray only) output via rear
Output Paper Capacity	Up to 150 Sheets Face Down (80gsm) 1 sheet face-up (straight paper path)
ADF	Up to 50 sheets
Media Weights Paper Tray	60 - 163 gsm
Media Weights Paper Tray (Option)	60 - 105 gsm
Media Weights Manual Feed Slot	60 - 163 gsm
Media Weights ADF	60 - 105 gsm
Media Weights Duplex	60 - 105 gsm
Media Size Paper Tray	A4, Letter, Legal, Mexico Legal, India Legal, Executive, A5, A5 Long Edge, A6, B5(JIS), B5(ISO), B6(JIS), A4 Short(270mm), Folio, 16K(195x270mm)
Media Size Paper Tray (Option)	A4, Letter, B5(JIS), A5, Executive, Legal, Mexico Legal, India Legal, A4 Short (270mm Paper), Folio, 16K(195x270mm)
Media Size Manual Feed Slot	Width 76.2 to 216 mm, Length 116 to 355.6 mm Envelope; COM-10, DL, C5, Monarch
Media Size ADF	Width 105 to 215.9 mm, Length 147.3 to 355.6 mm
Media Size Duplex	A4
Media Types Paper Tray	Plain Paper, Thin Paper, Thick Paper, Recycled Paper
Media Types Paper Tray (Option)	Plain Paper, Thin Paper, Recycled Paper
Media Types Manual Feed Slot	Plain Paper, Thin Paper, Thick Paper, Recycled Paper, Bond, Label, Envelope, Envelope Thin, Envelope Thick, Glossy Paper
Media Types ADF	Plain Paper, Thin Paper, Recycled Paper
Media Types Duplex	Plain Paper, Thin Paper, Recycled Paper

Fax	
Modem Speed	33,600bps (Fax)
2-Sided Fax	Send/Receive
ITU-T Group compatibility	Super G3
Telstra Duet Compatible	Yes
Speed Dials	300 locations
ECM	Yes
Out of Paper Reception	Up to 500 Pages (ITU-T Test Chart)
Broadcasting	Up to 350 locations
Automatic Reduction	Yes
Fax Forwarding	To Fax number or Email Address
PC Fax	Send/Receive from Windows, Send only from MAC / Linux (Network / USB)
Internet Fax	Yes - T37 protocol
Digital Scanner	
Scanner Colour/Mono	Colour
Scanner Colour Depth	48 bit input / 24 bit output colour
Scanning Technology	Dual CIS
Scanner Speed <sup>12</sup>	<b>Simplex:</b> Max 1.84/2.39 Sec - 27/21 ipm, <b>Duplex:</b> Max 1.81/3.06 Sec - 56/32 ipm, In accordance with ISO/IEC17991 (Mono/Colour @200dpi A4)
Scanner Resolution (Optical)	<b>From Glass:</b> Up to 1200 x 1200 dpi, <b>From ADF:</b> Up to 600 x 600 dpi
Scanner Resolution (Interpolated)	Up to 19,200 x 19,200 dpi
2 Sided Scan	Single Pass (Up to A4/LTR from ADF)
Scanning Area	Flatbed: 210(W) x 291(L)mm
Scanner Grey Scale	256 levels
Scan to Email Client	Yes
Scan to Email Server	Yes
Scan to OCR	Yes
Scan to Image	Yes
Scan to File	Yes
Scan to FTP	FTP / SFTP
Scan to Media	USB memory drive
Scan to Sharepoint	On premise Server Via PaperPort, Office 365 via Web Connect
Scan to Network Folder	Windows only
Scan To Cloud	Yes - See Web Connect
Network Scan	Windows/Mac
Scanner OS Compatibility	Windows 11, Windows 10 (32&64bit) macOS 11-13 <sup>3</sup> Linux Sane
Twain Compliant	Windows: TWAIN Windows 11 or WIA for Windows10 Linux: SANE
Software	
N-up Printing <sup>5</sup>	Windows/Mac
Poster Printing <sup>4</sup>	Windows only
Header and Footer Printing <sup>4</sup>	Windows only
Watermark Printing <sup>4</sup>	Windows only
Booklet Printing	Windows only
Kofax	AutoStore, ControlSuite, Equitrac
Brother Solutions Interface	Yes
Mass Deployment Tool	Windows only
Driver Deployment Wizard	Windows only
Light Solutions	ThinPrint Client, Barcode Print+, Secure Print+, Request Help, Order Supplies, Remote Panel, Barcode Utility, CustomUI (Apply for Activation Code from Brother)
iPrint&Scan <sup>1</sup>	Windows/Mac
Universal Print <sup>7</sup>	Yes

1. Download from Brother Solutions Centre
2. Apply to activate
3. Via Airprint or iPrint&Scan
4. Windows only
5. Windows/Mac
6. Capacity calculated with 80g/m<sup>2</sup> paper
7. Must be connected to the internet
8. The recommended monthly print volume is to achieve the best possible performance and printer life
9. Print speeds based on ISO/IEC 24734 (www.brother.com/rd/printspeed)
10. FPOT (First Print Out Time) based on ISO/IEC 17629
11. Approx. declared yield value in accordance with ISO/IEC 19798
12. Scan speeds based on ISO/IEC 17991
13. Purchase optional tray required

All specifications correct at time of printing and are subject to change. Brother is a registered trademark of Brother Industries Ltd. Brand product names are registered trademarks or trademarks of their respective companies.



### 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](http://www.brotherearth.com)

Options	
Optional Paper Tray	250 sheets (LT-310CL) x 1
Environment	
Power Consumption	<b>Peak:</b> Average 960W, <b>Ready:</b> Average 70W, <b>Sleep:</b> 10W, <b>Deep Sleep:</b> 0.65W, <b>Power Off:</b> 0.04W
Sleep Mode	0-50 min
Toner Save	This reduces the toner usage and helps to reduce the total cost of printer ownership
Power Save	This enables the printer to consume less energy when not in use
Consumables	
Consumables <sup>11</sup>	<b>Belt Unit:</b> Up to 60,000 pages (3-pages per job) (BU229CL) <b>Waste Toner Box:</b> Up to 50,000 pages (WT229CL) <b>Drum Unit:</b> Up to 30,000 pages (3-pages per job) (DR258CL4PK)
Inbox Consumables <sup>11</sup>	<b>Colour Toner Yield</b> Up to 1,400 pages <sup>11</sup> <b>Black Toner Yield</b> Up to 2,600 pages <sup>11</sup>
Standard Yield Toner <sup>11</sup>	<b>CMYK Toner Standard Yield</b> (TN258C/TN258M/TN258Y/TN258BK) Up to 1,000 pages <sup>11</sup>
High Yield Toner <sup>11</sup>	<b>Black Toner High Yield</b> (TN258XLBK) Up to 3,000 pages <b>Colour Toner High Yield</b> (TN258XLC/TN258XLM/TN258XLY) Up to 2,300 pages
Super High Yield Toner <sup>11</sup>	<b>Black Toner Super High Yield</b> (TN259BK) Up to 4,500 pages <sup>11</sup> <b>Colour Toner Super High Yield</b> (TN259C/TN259M/TN259Y) Up to 4,000 pages <sup>11</sup>
Weights & Measurements	
Size	410(W) x 462(D) x 401(H)mm
Weight	17.6 Kg without consumables 20.2 Kg with consumables
Size With Carton	497(W) x 583(D) x 533(H)mm
Weight With Carton	24.9 Kg without consumables
Others	
Noise Level	<b>Sound Pressure Level:</b> (Printing) Less than 48 dBA, (Ready) InAudible <b>Sound Power Level:</b> (Printing) Less than 6.62 B(A), (Ready) InAudible
TEC Value	0.48 kWh/Week



AirPrint



mopria



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at your side