EXPANDED POLYSTYRENE-FREE PACKAGING ·

Professional Monochrome Laser All-in-One Printer

Performance engineered to last

MFC-L6720DW

PRINT   COPY   FAX   SCAN   2.4GHz & 5GHz WIRELESS

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Professional Monochrome Laser All-in-One Printer

The MFC-L6720DW is a robust professional device engineered for continuous operation with long-lasting supplies and durable components. Get setup easily and focus on what matters with a super-fast up to 50ppm print speed - high volume printing has never been so simple. With impressive scalability and industry-leading security comes performance engineered to last.

MFC-L6720DW

Key features:

- Fast print speed of up to 50 pages per minute[9]
- Automatic 2-sided (duplex) print
- Automatic 2-sided (duplex) scan, up to 56 images per minute[12]
- Easy to use 12.7cm colour touchscreen
- First Page Out Time (FPOT) from 6.7 secs[10]
- High-capacity 520-sheet paper input tray expandable up to 1,560 sheets[6]
- 100-sheet multi-purpose tray[6]
- High-capacity 70-sheet 2-sided (duplex) Automatic Document Feeder (ADF)

- Gigabit Ethernet, 2.4/5GHz Wi-Fi and Hi-Speed 2.0 USB connectivity
- 512MB internal memory
- Supports Airprint, Mopria and Universal Print[7]
- Includes up to 6,000 page in-box toner[11]
- Ultra-high capacity replacement toners available, up to 18,000 pages[11]
- Integrate with Brother and third-party solutions

Print for longer

The MFC-L6720DW is designed to keep you printing for longer with an ultra-high capacity toner cartridge printing up to 18,000 pages[11] and includes an up to 6,000 page[11] in-box toner. Stay focused on your work with a high-capacity paper input tray fitting 520 sheets[6], expandable with a large range of optional paper input trays.

Built to last

The MFC-L6720DW sets the industry standard for longevity in a professional, high print volume environment. With a longer lasting drum unit and components designed for durability, you can be confident that it will keep up with your requirements, no matter how rigorous.

Speed and performance

Boost your productivity with the MFC-L6720DW and experience lightning-fast printing speeds of up to 50ppm[9] with a First Page Out Time from 6.7 seconds[10]. This professional workhorse will make short work of your most demanding tasks - scan your documents quickly at up to 56ipm[12] using the extra-large 70-sheet 2-sided (duplex) Automatic Document Feeder (ADF).

Impressive scalability

Engineered to fit into your workspace and meet specific printing requirements, the MFC-L6720DW can be transformed from a desktop device to a highly efficient, floor-standing model. The impressive scalability of this printer means that it can expand its paper handling from 520 sheets to up to 1,560 sheets[6] by adding optional paper trays.

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 and ensure your MFC-L6720DW works even harder to meet your needs.

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 securely protect your data. The MFC-L6720DW 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.

Intelligent connectivity

Improve efficiency by customising the large 12.7cm colour touchscreen with up to 64 shortcuts to your frequently used functions. Simplify your set up process using the Brother Mobile Connect app, unlocking business quality printing and scanning right from your mobile device. Connect easily and securely, your way with Gigabit ethernet, 2.4/5GHz Wi-Fi or Hi-Speed 2.0 USB connection.

Solutions ready

Easily set up, customise, and automate workflows for optimised use. Improve business processes and security with print management solutions. A suite of document management, security and workflow solutions can be added to the MFC-L6720DW to provide additional professional features to further improve your business processes.

Brother *at your side* support

Wherever you are in Australia, Brother offers free product support for the lifetime of your product.

General

Engine	Mono Laser
Warranty	1 Year Return To Base
Carton Contents	Printer, Quick Setup Guide, Power Cord, Telephone Line Cord, Black Toner Up to 6,000 pages in accordance with ISO/IEC 19752 Drum DR3605(Up to 45,000 pages: 1 page/job), Up to 75,000 pages: 3 page/job

Display

LCD Display	12.7cm Colour LCD (Touchscreen)
Shortcuts	64

Printer

Standard Memory	512MB
Print Speed[9]	Up to 50 ppm
2 Sided Print	Yes (Automatic)
2 Sided Print Speed[9]	Up to 24 ipm (Mono, based on ISO/IEC 24734)
Printer Resolution	1200 x 1200dpi
First Print Out Time[10]	Less than 6.7 secs (Ready), Less than 12.2 secs (Sleep)
Printer OS Compatibility[3]	Windows 11, Windows 10 (32&64bit), Windows Server 2022, Windows Server 2019, Windows Server 2016, Windows Server 2012/R2 (64bit) macOS 11-14[3], Linux RPM, DEB
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	PCL: 73 scalable fonts, 12 bitmap fonts, 16 bar codes PS: 66 scalable fonts
Emulation	PCL6 (V3.0), BR-Script3, IBM Proprinter XL, Epson FX-850, PDF Version 1.7, XPS Version 1.0
Quiet Mode[4]	A mode to reduce the printing noise by reducing the print speed
Carbon Copy	The ability to print multiple copies of the same print data via driver by loading different colour or paper types into the paper trays
Recommended Monthly Print Volume[8]	500 to 8,000 pages

Paper Handling[6]

Standard Paper Capacity	Up to 520 sheets
Multi-Purpose Tray Capacity	Up to 100 Sheets (Plain) / 11 (Envelopes @1mm thick)
Envelopes Input	Up to 11 envelopes @1mm thick 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 70 sheets
Media Weights Paper Tray	60 - 163 gsm, half speed and straight paper output with more than 105gsm
Media Weights Paper Tray (Option)	60 - 120 gsm, half speed and straight paper output with more than 105gsm
Media Weights MP Tray	60 - 230 gsm, half speed and straight paper output with more than 105gsm
Media Weights ADF	64 - 90 gsm
Media Weights Duplex	60 - 105 gsm
Media Size Paper Tray	A4, Letter, B5(JIS), A5, A5(Long Edge), A6, Executive, Legal, Folio, Mexico Legal, India Legal, A4short/270mm, 16K
Media Size Manual Feed Slot	Width 69.8 to 215.9 mm, Length 127 to 355.6 mm Envelope; COM-10, DL, C5, Monarch
Media Size ADF	Width 105 to 216mm / Length 147 to 356mm
Media Size Duplex	A4
Media Size Paper Tray (Option)	A4, Letter, B5(JIS), A5, Executive, Legal, Folio, Mexico Legal, India Legal, A4short/270mm, 16K
Media Size Scanner Glass	216(W) x 356(L)
Media Types Paper Tray	Plain Paper, Letterhead, Coloured Paper, Thin Paper, Recycled Paper, Thick Paper
Media Types MP Tray	Plain Paper, Letterhead, Coloured Paper, Thin Paper, Thick Paper, Thicker Paper, Recycled Paper, Bond, Label, Envelope, Envelope Thin, Envelope Thick
Media Types ADF	Plain Paper, Recycled Paper
Media Types Duplex	Plain Paper, Letterhead, Coloured Paper, Thin Paper, Recycled Paper
Media Types Paper Tray (Option)	Plain Paper, Letterhead, Coloured Paper, Thin Paper, Recycled Paper, Thick Paper
Media Low or Out Sensor	Low Paper: Std Tray NA, Opt Trays NA Empty Paper: Std Tray NA, Opt Trays Yes

Digital Copier

Copier Speed	Up to 50cpm
First Copy Out Time	Less than 8.7 secs (Ready), Less than 14 secs (Sleep)
2 Sided Copy	Duplex Scan to Duplex Print
Copier Resolution	Maximum 1200 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)
Copier Multi Sort	Makes copies of each page and sorts
Copier Multi Stack	Up to 999 copies

Fax

Modem Speed	33,600bps (Fax)
2 Sided Fax	Send/Receive
ITU-T Group compatibility	Super G3
Telstra Duet Compatible	A service purchased from a telephone company that allows two or more telephone numbers to share a single fixed line
Speed Dials	300 locations
ECM	The MFC will detect line errors during fax transmission & resend the page(s) of the document that had an error
Out of Paper Reception	Up to 500 pages (ITU-T Test Chart)
Broadcasting	Up to 350 locations
Automatic Reduction	When receiving a single page document more than 297mm long the fax machine will automatically reduce the message to fit onto a single A4 sheet
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[12]	**Simplex:** 28/20 ipm Mono/Colour **Duplex:** 56/40 ipm Mono/Colour In accordance with ISO/IEC17991
Scanner Resolution (Optical)	**From Glass:** Up to 1200 x 1200 dpi **From ADF:** Up to 600 x 600 dpi
Scanner Resolution (Interpolated)	Up to 19,200 x 19,200 dpi
Scanner Daily Duty Cycle	250 pages
Scanning Area	**Flatbed:** 214(W) x 295(L)mm, ADF: 214(W) x 354(L)mm **Duplex ADF:** 214(W) x 354(L)mm
Scanner Grey Scale	256 levels
Scan to Email Client	Scan documents to e-mail client
Scan to Email Server	Scan documents via e-mail server
Scan to OCR	Scan documents directly into your word processing application for instant editing
Scan to Image	Scan into your preferred image editing software
Scan to File	Scan to a file on your computer
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 Folder only
Scan To Cloud	Yes - See Web Connect
Network Scan	Pull scan from Windows/Mac workstation
Scanner OS Compatibility[3]	Windows 11, Windows 10 (32&64bit) macOS 11-14[3], Linux Sane
Twain Compliant	**Windows:** TWAIN or WIA **Linux:** SANE

Direct Print/Scan Feature

Digital-Media Type	USB Flash Memory
Digital-Media Spec	USB Memory Drive. External drive must be FAT12/FAT16/FAT32/exFAT formatted
Digital-Media Format	**Print:** PDF version 1.7, JPEG, Exif+JPEG, PRN(created by own printer driver), TIFF(scanned by Brother model), XPS version 1.0, **Scan to USB:** JPEG/PDF (colour), TIFF/PDF (B&W)
Direct USB	Print/Scan

Network Management Utilities

Network Management	**Windows:** BRAdmin Light, Web Base Management, BRAdmin Professional, Network Remote Setup **Mac:** Web Base Management **Linux:** Web Base Management
Web Based Management	Web based print management software embedded onto the device
BRAdmin Professional[1]	For LAN / WAN management using Windows® PC

Software

N-up Printing[5]	Reduce up to 2, 4, 9, 16 or 25 A4 pages into just one A4 page (MAC OSX, up to 2, 4, 6, 9, or 16)
Poster Printing[4]	Enlarge 1 A4 page into a poster using 4, 9, 16 or 25 A4 pages
Header and Footer Printing	Windows only
Watermark Printing[4]	Watermark your documents with predefined text or with your own user-defined messages
Booklet Printing[4]	Print documents in A5 booklet format using automatic or manual 2-sided printing
Archive Printing[4]	When this feature is enabled, a PDF file of your print job will automatically be created and archived
Storage Print	USB memory
Brother Solutions Interface	Brother Solutions Interface (BSI) Developer Program is a platform that enables third-party developers to build custom solutions for and integrate with Brother Devices
Light Solutions[2]	Included (Secure Print+, Remote Panel, CustomUI) Optional (ThinPrint Client, Barcode Print+, Request Help, Order Supplies, Barcode Utility) (Apply for Activation Code from Brother)
Archive Printing[4]	When this feature is enabled, a PDF file of your print job will automatically be created and archived
Kofax	AutoStore, ControlSuite, Equitrac
Mass Deployment Tool[1,4]	A configuration tool to help you to install and manage multiple USB-connected or network-connected devices without having to install any additional software
Driver Deployment Wizard[1,4]	A interactive wizard to help create and deploy locally or network connected Brother printer drivers

Connectivity

Interface	Hi-Speed USB 2.0, 10Base-T/100Base-TX/1000Base-T Ethernet, 2.4GHz IEEE 802.11b/g/n Wireless, 5GHz IEEE 802.11a/n Wireless, Wi-Fi Direct
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 Wireless, 5GHz IEEE 802.11a/n Wireless
Wi-Fi Direct	Print wirelessly without having to go through a wireless access point or router
USB Host	Direct Print/Scan External IC Card Reader Holder (CH-1000) (Front)

Networking

Wireless Mode	2.4GHz IEEE 802.11b/g/n (Infrastructure), 5GHz IEEE 802.11a/n (Infrastructure), IEEE 802.11a/n (Wi-Fi Direct)
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, 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, Syslog
Network 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, Syslog
Email Alerts	E-mail Notification and Reports

Security

Wired Security	APOP, SMTP-AUTH, SSL/TLS (IPP, HTTP, SMTP, FTP, POP3, IMAP4), SNMP v3 802.1x (EAP-MD5, EAP-FAST, PEAP, EAP-TLS, EAP-TTLS), Kerberos, IPsec
Wireless Security	APOP, SMTP-AUTH, SSL/TLS (IPP, HTTP, SMTP, FTP, POP3, IMAP4), SNMP v3, 802.1x (EAP-FAST, PEAP, EAP-TLS, EAP-TTLS), Kerberos, IPsec
Wireless Security Protocols	SSID (32 chr), WEP 64/128 bit, WPA-PSK (TKIP/AES), WPA2-PSK (TKIP/AES), WPA3-SAE (AES) (Wi-Fi Direct supports WPA2-PSK (AES) only)
LDAP	Integrate with a directory server to look up contacts and e-mail addresses
Active Directory Authentication	Restrict the use of your Brother device. The device's control panel will be locked

IPv4-Filter	Restrict which network users can or cannot access the device over the network (IPv4 only)
Secure Print[5]	Use Secure Print to ensure that confidential or sensitive documents do not print until you enter a password on the machines control panel
Secure Function Lock	Version 3 (200 users)

Mobile / Web Printing

iPrintScan[1]	Windows/Mac
Mobile Connect[1]	Use Brother Mobile Connect to print, scan, and copy, as well as manage your machine and customize its features.
Android Print Service Plugin[1]	Print directly from your Android devices (Android 5.0 or later), to your Brother printer through a Wi-Fi or Wired network
AirPrint	Print most common file types from any Apple AirPrint enabled application
Mopria[1]	Print most common file types from Mopria™ supported Android devices
Google ChromeOS	Print from your Chromebook
Web Connect[7]	**Scan To/Download and Print from:** Google Drive, Dropbox, OneDrive, Box, OneNote, **Scan To:** Evernote **Print from:** Creative Centre
Brother Apps[7]	Office Doc Creator, Easy Scan to Email, Fax Forward to Cloud / Email, Enlarge Text Copy, Scan to Mobile
Universal Print[7]	Yes with latest firmware

Options

Optional Paper Tray[13]	250 sheets (LT-5505) x 2 or 520 sheets (LT-6505) x 2 (Max. 1,040 sheets)
Optional Warranty[14]	1, 2, 3 Years Onsite

Consumables[11]

In-box Consumables[11]	Black Toner Up to 6,000 pages in accordance with ISO/IEC 19752
Standard-Yield Toner[11]	Black Toner TN3605 Up to 3,000 pages in accordance with ISO/IEC 19752
High-Yield Toner[11]	Black Toner High-Yield TN3605XL Up to 6,000 pages in accordance with ISO/IEC 19752
Super High-Yield Toner[11]	Black Toner Super High-Yield TN3605XXL Up to 11,000 pages in accordance with ISO/IEC 19752
Ultra High-Yield Toner[11]	Black Toner Ultra High-Yield TN3615 Up to 18,000 pages in accordance with ISO/IEC 19752
Drum	DR3605 (Up to 45,000 pages: 1 page/job, Up to 75,000 pages: 3 page/job)

Weight & Measurements

Size	495(W) x 473(D) x 518(H)mm
Weight	17.3 Kg without consumables, 18.9 Kg with consumables
Size With Carton	567(W) x 580(D) x 628(H)mm
Weight With Carton	25.4 Kg with consumables

Environment

Power Consumption	Peak: 710W or less, Ready: 31W or less, Sleep: 6.7W, Deep Sleep: 0.7W or less
Sleep Mode	Yes (0-50 min)
Toner Save	This reduces the toner usage and helps to reduce the total cost of printer ownership
Power Save	Enables the printer to consume less energy when not in use

Others

Noise Level	Sound Pressure Level: (Printing) Less than 54 dBA, (Standby) Less than 35 dBA, Sound Power Level: (Printing) Less than 7.06 B, (Standby) Less than 4.9 BA, (QuietMode) Less than 6.54 B
TEC Value	0.66 kWh / Week

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Brother Earth

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