



# 4-in-1 Wireless colour LED laser printer with integrated NFC

MFC-L3770CDW



PRINT



COPY



SCAN



FAX



WIRELESS

[brother.co.uk/mfc-l3770cdw](http://brother.co.uk/mfc-l3770cdw)

# 4-in-1 Wireless colour LED laser printer

Our top of the range model offers full business support, with a 2-sided automatic document feeder (ADF) for time saving fax, scan and copy as well as a 30 sheet multi-purpose (MP) tray for printing on heavier and different sized print media. The built in Near-Field Communication (NFC) allows you to tap and print from your mobile device, making this machine your perfect office partner.

## MFC-L3770CDW



### Key features:

- Fast print speeds of 24ppm
- Large paper capacity of 250 sheets
- Automatic 2-sided printing and scanning
- 50 sheet ADF
- Easy to use 9.3cm colour touchscreen
- Wired, wireless and NFC connectivity
- 30 sheet MP tray
- Print from or scan directly to USB
- Up to 1,000 pages\* in-box toners.

### Designed with efficiency in mind

This robust multifunction desktop device is easy to use and simple to set up. With a host of time saving features including the 50 sheet, 2-sided ADF making scanning or copying 2-sided documents even easier. Stay connected by using the NFC feature to print from your mobile device simply by tapping near the device, or for enabling secure printing solutions. Use the 30 sheet MP tray to easily print on a wider range of media up to 163gsm.

### Add some colour to your business

The MFC-L3770CDW offers up to 2,400dpi print quality, and uses laser LED technology to produce high quality professional prints. Colour doesn't stop at your printouts, this machine has a full colour 9.3cm colour touchscreen display for quick and easy access to features.

### Save time and money

These desktop devices are fast, reliable and great value. The built-in 250 sheet paper capacity allows you to keep working longer without having to replenish the paper tray. By using the high yield supplies, you won't have to spend time changing your toner as often, as well as achieving a competitive cost per page for both colour and mono printing. By boosting productivity, and reducing any down time, your office can run more smoothly.

### Don't add to the office noise

In an office environment, you don't need your printer adding to the office noise. The MFC-L3770CDW has been engineered to print 24ppm at under 47dB - quieter than your daily office conversation.

## General

### Technology

Electrophotographic  
LED

### Processor

Cortex-A9 800MHz  
Sub: ARM946 133MHz

### Memory

512MB

### Wired network

10Base-T/100Base-TX

### Wireless network

IEEE 802.11b/g/n

### Control panel

9.3cm colour touchscreen

### NFC

Integrated NFC, for mobile print

### Local interface

Hi-Speed USB 2.0

### Mobile print

Print from your mobile devices to your Brother printer

## Print

### Print speed (A4)

24ppm colour and mono

### Print speed 2-sided (A4)

8 sides per minute  
colour and mono.  
Print on to both sides of the  
paper automatically

### Resolution

2,400 dpi (600 x 2,400)

### Quiet mode

A mode to reduce the printing  
noise by reducing the print  
speed to 12ppm

### First print out time

Less than 14 seconds from  
ready mode

### Warm up time

Less than 24 seconds from  
sleep mode

### Print languages

PCL6, BR-Script3  
PDF Version 1.7, XPS  
Version 1.0

### Embedded fonts (PCL)

73 scalable fonts,  
12 bitmap fonts

### 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 functions

### N-up printing<sup>3</sup>

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<sup>4</sup>

Enlarge 1 A4 page into a poster  
using 4, 9, 16 or 25 A4 pages

### Watermark printing<sup>4</sup>

Watermark your documents  
with predefined text or with your  
own user-defined messages

### ID printing<sup>4</sup>

Add identification to your  
printed documents (date and  
time, short custom message or  
PC username)

### Manual 2-sided print<sup>4</sup>

Manual 2-sided printing  
(recommended for media not  
supported by automatic 2-sided  
print)

### Booklet printing<sup>4</sup>

Print documents in A5  
booklet format using automatic  
or manual 2-sided print

### Print profiles<sup>3</sup>

Store your favourite driver  
settings as profiles to easily  
recall them

### Print text in black<sup>4</sup>

Converts all text in your  
documents to black when  
printed

### Print from USB

Print directly from a USB flash  
drive (PDFv1.7, JPEG, TIFF)

### Configurable shortcuts

Create up to 18 personalised  
shortcuts for a quick and easy  
access to your regularly print,  
copy, scan and fax functions

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2 Calculated with 80g/m<sup>2</sup> paper.

3 Windows® & Mac® only.

4 Windows® only.

5 Optional download.

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For maximum printer life, it is best to choose a printer with a duty cycle that far exceeds your print requirements.

7 Requires Brother Software.

8 Must be web connected.

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## Printer drivers

### Windows®

Windows® 10  
(32 and 64 bit editions)  
Windows® 8  
(32 and 64 bit editions)  
Windows® 7  
(32 and 64 bit editions)  
Windows® Server 2016  
(32 and 64 bit editions)\*  
Windows® Server 2012,  
2012R2 and 2008R2\*  
Windows® Server 2008  
(32 and 64 bit editions)\*

### Macintosh<sup>5</sup>

macOS v10.11.6, 10.12.x,  
10.13.x

### Linux<sup>5</sup>

CUPS, LPD/LPRng  
(32 and 64 bit editions)

### PostScript universal printer driver<sup>5</sup>

Driver for Windows® that enables you to print to any network or locally-connected Brother laser printer that supports PostScript

### PCL driver<sup>5</sup>

Generic PCL XL driver

\* Windows® Server supports network printing only

## Paper handling

### Paper input

Standard tray - 250 sheets  
ADF - 50 sheets  
MP tray - 30 sheets

### Paper output

150 sheets face down  
(80g/m<sup>2</sup>)  
1 sheet face-up  
(straight paper path)

### Media type and weights standard tray

Plain and recycled paper  
(between 60 - 163g/m<sup>2</sup>)

### Media sizes standard tray

A4, letter, A5, A5 (long edge),  
A6, executive

### Media type and weights 2-sided print

Plain and recycled paper  
(between 60 - 163g/m<sup>2</sup>)

### Media sizes 2-sided print

A4

### Media type and weights ADF

Plain and recycled paper  
(between 60 - 105g/m<sup>2</sup>)

### Media sizes ADF

Width: 105 to 218 mm,  
Length: 148 to 357.6 mm

### Media type and weights

#### MP tray

Plain, recycled, bond, label,  
envelope paper  
(between 60 - 163g/m<sup>2</sup>)

### Media sizes multi-purpose tray

Width: 76.2 to 216 mm,  
Length: 116 to 355.6 mm  
Envelope: COM-10, DL, C5,  
Monarch

### Envelope and label printing

Manual feed slot: 1 envelope /  
sheet

## Mobile and web connectivity

### 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 iPrint&Scan (Windows® 8,10 & RT)

Print from and scan to a Windows® 8,10 or Windows RT tablet

### Google Cloud Print 2.0

Print most common file types from any Google Cloud Print enabled application

### Apple AirPrint

Print from and scan to most common file types from any AirPrint enabled application

### Brother print service plugin

Print from Android devices without a dedicated app

### Mopria

Print most common file types from Mopria supported Android devices

### Brother apps<sup>8</sup>

Print creative center, scan to mobile, scan to searchable PDF, enlarge text copy, fax forward to cloud/e-mail, scan to PowerPoint, scan to Excel, scan to word, easy scan to e-mail

### Web connect<sup>8</sup>

Print from and scan to without using a PC on Box, Dropbox, Evernote, OneDrive, Google Drive™ OneNote

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## Copy

### Copy speed (A4)

24 copies per minute colour and mono

### First copy out time

Less than 15 seconds from ready mode colour and mono

### Resolution

600 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 (8 bit)

### Receipt copying

Produces clearer copies of receipts

### Enlarge text copy<sup>8</sup>

Makes reading copied documents easier if the size of the text on the original document is small

### 2-sided copy

Yes

## Scan

### Scanner type

Dual contact image sensor

### Colour and mono scanning

Yes

### Scan speed mono

27 images per minute

### Scan speed colour

21 images per minute

### Scan speed 2-sided (A4)

54 mono and 32 colour images per minute

### Scan resolution from scanner glass

1,200 x 2,400dpi

### Interpolated scan resolution

19,200 x 19,200dpi

### Scan resolution from ADF

600 x 600dpi

### Colour depth

48 bit colour processing (input)  
24 bit colour processing (output)

### Grey scale

16 bit colour processing (input)  
8 bit colour processing (output)

## Scanner functions

### Scan to e-mail

Scan and share 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 USB

Scan directly to a USB flash drive

### Scan to network folder

Scan documents to a nominated folder on your network without using a Windows PC

### Scan to FTP

Scan documents directly to a FTP server

### Scan profile<sup>3</sup>

Create up to 25 preset network, FTP profiles for an easy way to store multiple scan settings

### Scan to SharePoint<sup>4&7</sup>

Scan documents directly into SharePoint

### Scan to searchable PDF

Scan documents to searchable PDF files

### Auto deskew

Yes

### Base colour removal

Yes

### ID scan

Yes

### 1 to 2 scan

Yes

## Scanner drivers

### Windows<sup>®</sup>

TWAIN and WIA  
Windows<sup>®</sup> 10  
(32 and 64 bit editions)  
Windows<sup>®</sup> 8  
(32 and 64 bit editions)  
Windows<sup>®</sup> 7  
(32 and 64 bit editions)

### Macintosh<sup>5</sup>

TWAIN  
macOS v10.11.6, 10.12.x,  
10.13.x

### Linux<sup>5</sup>

SANE (32 and 64 bit editions)

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## Fax

### Fax modem

33,600bps (Super G3)

### PC fax send<sup>3&8</sup> and receive<sup>4&8</sup>

Send and receive faxes directly from your PC

### 2-sided fax receive

Yes

### 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)

### Distinctive ring detection

An external service that allows two or more telephone numbers shared on a single fixed line and use different ring tones

### 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)

### 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

### Broadcasting

Send the same fax message up to 250 locations

### Grey scale

256 shades (8 bit) of grey are available for faxing

## Fleet management tools

### Unattended installer<sup>4</sup>

Ability to centrally deploy and customise our drivers and software

### MSI installer<sup>4</sup>

Modular installers that can be distributed through Active Directory<sup>®</sup>

### BRAdmin Light<sup>4&5</sup>

LAN/WAN management software

### Embedded web server

Web based print management software embedded onto the device

### Driver deployment wizard<sup>4 &5</sup>

Easily create print drivers for hassle free deployment over your network

### PrintSmart cost control

Monitor and control printing costs for all Brother and third party devices

For more information on PrintSmart solutions visit: [brother.co.uk](http://brother.co.uk)

## Software

### Brother iPrint&Scan (Windows & Mac)<sup>5</sup>

Print from, scan to, send faxes, preview received faxes, preview copies and check the machine status from Windows, macOS or PC

### Nuance<sup>®</sup> PaperPort 14 SE<sup>5</sup>

Document management & sharing program

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## Network and security

### Wired network

10Base-T/100Base-TX

### Wired network security

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

### Wireless network

IEEE 802.11b/g/n (infrastructure mode)  
IEEE 802.11g/n (Wi-Fi Direct)

### Wireless Network Security

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

\*Wi-Fi Direct supports WPA2-PSK (AES) only. APOP, POP before SMTP, SMTP-AUTH, SSL/TLS (IPPS, HTTPS, SMTP, POP), SNMP v3 802.1x (LEAP, EAP-FAST, PEAP, EAP-TLS, EAP-TTLS), Kerberos

### Wireless setup support

Wi-Fi Protected Setup (WPS)

### Wireless applications

Vertical pairing

### Wi-Fi Direct™

Print wirelessly without having to go through a wireless access point (both automatic and manual methods supported)

### IPv4

ARP, RARP, BOOTP, DHCP, APIPA(Auto IP), WINS/NetBIOS name resolution, DNS Resolver, mDNS, LLMNR responder, LPR/LPD, Custom Raw Port/Port9100, 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

### IPv6

NDP, RA, DNS resolver, mDNS, LLMNR responder, LPR/LPD, Custom Raw Port/Port9100, IPP/IPPS, SMTP Client, FTP Client and Server, CIFS Client, TELNET Server, SNMPv1/v2c/v3, HTTP/HTTPS server, TFTP client and server, ICMPv6, SNTP Client, Web Services (Print/Scan)

### IP filter

Restrict which network users can or cannot access the device over the network (IPv4 only)

### Setting lock

Secures access to the devices control panel by locking it

### 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 100 users

### Secure print

Protect print jobs with a four digit release code required at the device in order for them to be printed

### E-mail notifications

Automatically have the device send e-mail alerts when it requires attention, such as when the toner is low or needs replacing

### E-mail reports

Receive usage reports on a regular basis via e-mail

## Supplies and accessories

### In-box toner<sup>1</sup>

1,000 pages BK/C/M/Y

### Standard yield toner<sup>1</sup>

1,000 pages BK/C/M/Y (TN-243)

### High yield toner<sup>1</sup>

3,000 pages BK  
2,300 pages C/M/Y (TN-247)

### Drum unit<sup>1</sup>

18,000 pages (1 page / job) (DR-243CL)

### Belt unit<sup>1</sup>

Approx. 50,000 pages (2 page / job) (BU-223CL)

### Waste toner box<sup>1</sup>

Approx. 50,000 pages (5 page / job) (WT-223CL)

## Dimensions and weights

### With carton (WxDxH)

623 x 523 x 568 mm  
28.9kg

### Without carton (WxDxH)

410 x 509 x 414 mm  
24.5kg

## Duty cycles

### Recommended monthly

300 to 1,500 pages monthly print volume

### Maximum monthly<sup>6</sup>

Up to 30,000 pages monthly print volume

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## Environment

### Power consumption

Printing: 430W  
Ready: 75W  
Quiet mode: 260W  
Sleep: 10.1W  
Deep sleep: 1.2W  
Off: 0.04W

### TEC value

1.3 kWh/Week

### Sound pressure level

Printing: 47dB(A)  
Ready: 33dB(A)  
Quiet mode: 43dB(A)

### Sound power

Printing: 6.11B(A) mono /  
6.16B(A) colour  
Ready: 4.67B(A)  
Quiet mode: 5.71B(A) Mono /  
5.73B(A) colour B(A)  
Deep sleep: inaudible

### Power saving

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

### GS mark

Yes

### Eco mode

Yes

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### 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)

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