



Wireless, colour inkjet, multifunction printer with automatic paper cutter

DCP-J1800DW



PRINT



CUT



COPY



SCAN



WIRELESS



PRINT
& CUT

Prints on A4, cuts to A5

brother.co.uk

DCP-J1800DW

Specifications

General

CPU speed

576MHz

Memory capacity

512MB

Page gauge

Yes

Display

6.8cm colour LCD touchscreen

Paper handling

Paper input/standard tray

150 sheets (80g/m²)

Automatic document feeder (ADF)

20 sheets

Output paper capacity (sheets)

50 (80 g/m²)

Media sizes/standard tray

A4, LTR, EXE, A5, A6, Photo (102 x 152mm/4 x 6"), Indexcard (127 x 203mm/5 x 8"), Photo-2L (127 x 178mm/5 x 7"), C5 Envelope, Com-10, DL Envelope, Monarch

Media types and weights Standard tray

Plain, inkjet, glossy (cast/resin), Recycled & 64-220g/m² (17-58 lb.)

Media sizes/auto duplex

PC print
A4/LTR/EXE/A5
PC print(cut)
A4
Copy
Letter/A4/A5
Copy&Cut
A4

Media types and weights/ Auto duplex

Plain, recycled & 64-105g/m² (17-28lb)

Paper Input/manual feed slot

1 sheet

Media sizes manual feed slot

slot - A4, LTR, EXE, A5, A6, photo(102x152mm/4x6"), indexcard(127x203mm/5x8"), photo-2L(127x178mm/5x7"), C5 envelope, Com-10, DL envelope, monarch,photo-L (89x127mm/3.5x5")

Media types and weights**Manual Feed slot**

Plain, inkjet, glossy(cast/resin), recycled 64-300g/m² (17-79 lb.)

ADF

Width: 148 to 215.9mm
Length: 148 to 355.6mm

ADF types and weights

Plain, recycled
64-90g/m²

Scanner glass

Width: up to 215.9mm
Length: up to 297.0mm

Print

Print speed¹

1-sided 17.0ipm mono
1-sided 16.5ipm colour
2-sided 5.5ipm mono
and colour

Print speed (Cut Print)

16.5ipm mono
16.0ipm colour

FPOT²

6.0 secs mono
6.5 secs colour

Resolution (horizontal x vertical)

Up to 1200 x 6000 dpi
Windows® only

Auto duplex print

Yes (up to A4/LTR)

Quiet mode

Yes

Print function

N-up printing³

Reduce up to 2, 4, 9 or 16 A4 pages into just one A4 page

Poster printing³

Enlarge 1 A4 page into a poster using 4 & 9 A4 pages

Watermark printing³

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

ID printing³

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

Booklet printing³

Print documents in A5 booklet format using 2-sided print

Print profiles³

Store your favourite driver settings as profiles to easily recall them

Print and Cut

Print on A4 and cut to A5 size

Copy

Copy speed⁴

13.0ipm mono
10.5ipm colour

FCOT⁵

10.5 secs mono
13.0 secs colour

Resolution: mono (horizontal x vertical)

Print: max. 1200 x 2400 dpi
Scan: max. 1200 x 1200 dpi

Resolution: colour (horizontal x vertical)

Print: max. 1200 x 2400 dpi
Scan: max. 1200 x 600 dpi

Multiple copy

Up to 99

Multi copy/sort

Yes

Reduction/enlargement (%)

25 - 400 in 1% increments

N in 1

2in1/2in1(ID)/4in1

Poster

Yes (3x3, 2X2, 2x1)

Copy/cut

Copy and cut an A4 to A5 size

Scan

Scanner type

CIS (Contact Image Sensor)

Colour and mono scanning

Yes

Scan speed (mono/color)⁹

17ipm mono
7ipm colour
Multiple sheets (based on ISO/IEC17991)

Resolution (horizontal x vertical)/optical

FB: 1200 x 2400 dpi
ADF: 1200x600 dpi

Resolution (horizontal x vertical)/interpolated

For Windows 7/Windows 8/Windows 10, up to 19200 x 19200 dpi with Scanner Utility

Multi-page scan to single PDF files (Firm/PC)

Yes (iPS desktop only)

Auto crop (PC)

Yes (TWAIN only)

Document scanning width/length

FB: 213.9mm (8.42in)/ 295mm (11.61in)
ADF: 213.9mm (8.42in)/ 353.6 (13.92in)

Colour depth

30 bit colour processing (input)
24 bit colour processing (output)
/256 levels per colour
Greyscale
10bit colour processing (input)
8bit colour processing (output)
/256 levels

Scan functions

Scan to/image

Yes

Scan to/OCR

Yes

Scan to/email

Yes

Scan to/file

Yes

Scan drivers

Windows[®]

TWAIN & WIA
Windows[®]
Windows[®] 10
Windows[®] 8
Windows[®] 11

Macintosh[®]

AirPrint capable: Printing or scanning via macOS requires the use of AirPrint. Mac drivers are not provided for this machine.

Connectivity

USB interface

Hi-Speed
USB 2.0

Wireless LAN (2.4GHz)

Yes

Wired LAN

Yes

Wi-Fi Direct

Yes

Brother Mobile Connect⁶

Print from, scan to, preview copies and check the machine status from an iPad/iPhone/Android

AirPrint

Yes

Mopria⁶

Yes

Brother Print Service Plugin⁶

Yes

Cloud

Web Connect¹⁰ (Connect with third party services)

Yes

Apps¹⁰ (Brother original services)

Yes

Network and security

Wired network

Ethernet 10/100BASE-TX auto negotiation

Wired network security

SSL/TLS (IPPS, HTTPS),
802.1x (EAP-MD5, EAP-FAST,
PEAP, EAP-TLS, EAP-TTLS)

Wireless network

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

Wireless security

SSID (32 chr), WEP 64/128bit,
WPA-PSK(TKIP/AES), WPA2-
PSK(TKIP/AES)

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

Wireless network security

SSL/TLS (IPPS, HTTPS),
802.1x (EAP-FAST, PEAP, EAP-
TLS, EAP-TTLS)

IP filter

IPv4

Protocols (IPv4)

ARP, RARP, BOOTP,
DHCP, APIPA(Auto IP),
WINS/NetBIOS name
resolution, DNS Resolver,
mDNS, LLMNR responder,
LPR/LPD, Custom Raw Port/
Port9100, IPP, SNMPv1/v2c,
TFTP server, ICMP, Web
Services (Print/Scan), SNMP
Client, HTTP Server.

Protocols (IPv6)

NDP, RA, mDNS, LLMNR
Responder, DNS Resolver,
LPR/LPD, Custom Raw Port/
Port9100, IPP, SNMPv1/v2c,
TFTP server, Web Services
(Print/Scan), SNMP Client,
ICMPv6, HTTP Server

Network management

BRAdmin Windows only
(by download)

Embedded web server (EWS)

Yes

(recommended browser:
Internet Explorer 11/Edge (for
Windows), Safari 13 (for Mac),
Chrome (for Android), Chrome/
Safari (for iOS) Recommend
OS: 4.x or later (for Android),
10.x or later (for iOS))

Supplies and accessories

Note: product is shipped with
LC-421 cartridges

Standard yield⁷

LC-421BK – 200 pages
LC-421 C/M/Y – 200 pages

High yield⁷

LC-421XLBK – 500 pages
LC-421XL C/M/Y – 500 pages

Duty cycle

Recommended monthly volume⁸

50 to 1,000 pages

Dimensions

Carton dimension
W 477 x D 249 x H 457mm

Carton weight
9.8kg

Machine dimensions
W 400 x D 343 x H 172mm

Machine weight
8.3kg

Environment

Power consumption
Copying mode: approx. 21W
Ready mode: approx. 3W
Sleep mode: approx. 0.9W
Off: approx 0.2W

Sound pressure level (operating)
PC printing (colour/mono):
53.0dB(A) (approx.)

FB copy (colour/mono):
52.5dB(A) (Approx.)

Sound power level (printing)
Mono: 6.64B(A)
Colour: 6.60B(A)

1. Print speeds based on ISO/IEC 24734
2. FPOT (first print out time) based on ISO/IEC 17629
3. Windows only
4. Copy speeds ESAT based on ISO/IEC 24735
5. Copy speeds FCOT based on ISO/IEC 24735
6. Optional download
7. Approx declared yield value in accordance with ISO/IEC 24711
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. Scan speed are based on ISO/IEC 17991
10. Must be web connected



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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