



# Professional A3 inkjet wireless all-in-one printer

**MFC-J5345DW**



PRINT



COPY



SCAN



FAX



WIRELESS



A4/A3 PRINT

[www.brother.co.uk/mfc-j5345dw](http://www.brother.co.uk/mfc-j5345dw)

## Versatile, cost-effective and connected A3/A4 print, A4 scan and copy

The professional A3/A4 MFC-J5345DW all-in-one printer is built to last, meeting the needs of demanding small offices and business workgroups. A3 option enables you to produce a variety of A3, as well as A4 colour documents, while experiencing high quality prints, fast print speeds and low running costs. This all-in-one device offers print, copy, scan and fax functionality.

Print from your workstation, in a meeting room, or from your mobile device with wireless connectivity.

## MFC-J5345DW



### Key features:

- Up to 28ipm print speed<sup>9</sup>
- Automatic 2-sided A4 print
- 1-sided A4 scan, copy and fax
- 6.8cm colour touchscreen
- Wired and wireless connectivity
- 1 x 250 sheet paper trays<sup>2</sup>
- 1 sheet manual feed slot
- 50 sheet A4 automatic document feeder (ADF)<sup>2</sup>
- Optional high-yield inks: BK 3,000 pages and C/M/Y 1500 pages<sup>1</sup>
- In-box inks: 550 pages CMYK

### Professional versatile A3 printing<sup>2</sup>

This professional A3 printer offers you the ability to print not only in A4, but to also print your reports, presentations, marketing materials or training documents in A3.

The enclosed paper tray will also hold up to 250 A3 sheets. Using the 50 sheet ADF, you can leave your multi-page document to scan, while you focus on other tasks and the 6.8cm easy to navigate LCD colour touchscreen, you're sure to work faster.

### Ultra-fast, durable, precision printing

Through years of meticulous engineering design, our patented MAXIDRIVE print chip redefines printing technology. Ink droplets are ejected into 40 micrometer thick film generating pressure that travels through 1,680 individual chambers across a single print chip, delivering ultra-fast, durable, precision printing.

## When quality and performance work together

Our most advanced colour printing technology is guaranteed to make the right impression when it counts, with vibrant, professional colour prints and accurate digital documents. The robust design and long-life components provide confidence your device keeps on performing without interruption.

## Print from anywhere, any time

Thanks to the remote print function on the Brother Mobile Connect app, you can send print jobs from anywhere – allowing you to get on with the rest of your day. You can even set up notifications that'll let you know when the job is completed.



## Brother Mobile Connect

Mobile Connect is the app that lets you personalise your frequently used printer functions unlocking a revolutionary way of printing. As well as sending a print job from anywhere, there is whole host of useful scan features – scan data directly to your mobile device or check your scan history for files. If you're worried about running out of supplies simply check ink levels and order replacement supplies direct to your door.



## General

### Technology

Inkjet

### Memory

256MB

### Control panel

6.8cm colour  
touchscreen LCD

### Local interface

Hi-Speed USB 2.0

### Wired network

Fast ethernet

### Wireless network

2.4GHz and 5GHz support

### Mobile print

Print from your mobile devices to  
your Brother printer

## Print

### Print speed (A4)<sup>9</sup>

1-sided: 28ipm/ppm  
mono and colour  
2-sided: 21ipm/ppm  
mono and colour

### Print (A3)

1-sided: Yes

### First print out time<sup>10</sup>

4.6 seconds colour and  
4.4 seconds mono

### Quiet mode

A mode to reduce the  
printing noise

### Resolution

Up to 1200 x 4800dpi  
(horizontal and vertical)

## Printer functions

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

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

### Poster printing<sup>4</sup>

Enlarge a single page into a  
poster using 4 or 9 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)

### 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

## Printer driver

### Windows

Windows 10  
(32 and 64 bit editions)  
Windows 8  
(32 and 64 bit editions)  
Windows 7  
(32 and 64 bit editions)  
Windows Server  
2019, 2016, 2012, 2012R2  
and 2008R2  
Windows Server 2008  
(32 and 64 bit editions)

### macOS

10.14.6/10.15.x/11

### Linux

CUPS, LPD/LPRng  
(i686 and x86\_64)

### PCL driver

Generic PCL XL driver

### ChromeOS

Supports native  
ChromeOS printing

### PostScript universal printer driver

Driver for Windows that enables  
you to print to any network or  
locally connected Brother ink  
printer

## Paper handling

### Paper input<sup>2</sup>

#### Standard tray

250 sheets

#### Manual feed slot

1 sheet

#### ADF

50 sheets

### Paper output<sup>2</sup>

100 sheets A4 | 50 sheets A3

### Envelope printing

Yes from manual feed slot tray and standard tray

### Media sizes

#### Standard tray

A4, LTR, EXE, A3, LGR, LGL, Folio, A5, A6, Photo (10 x 15cm), Indexcard (13 x 20cm), Photo-L (9 x 13cm), Photo-2L (13 x 18cm), Com-10, DL Envelope, Monarch, C5, Mexico Legal, India Legal

#### Manual feed slot

A4, LTR, EXE, A3, LGR, LGL, Folio, A5, A6, Photo (10 x 15cm), Indexcard (13 x 20cm), Photo-L (9 x 13cm), Photo-2L (13 x 18cm), Com-10, DL Envelope, Monarch, C5, Mexico Legal, India Legal

#### ADF

Width: 105 to 215.9 mm  
Length: 148 to 355.6 mm

#### Scanner glass

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

#### Auto 2-sided

A4, LTR

### Media type and weights

#### Standard tray

Plain, inkjet, glossy, recycled  
64-220g/m<sup>2</sup>

#### Manual feed slot

Plain, inkjet, glossy, recycled  
64-220g/m<sup>2</sup> (260g/m<sup>2</sup> with Brother BP71 glossy paper only)

#### ADF

Plain and recycled paper  
64-120g/m<sup>2</sup>

#### Auto 2-sided

Plain, recycled  
64-120g/m<sup>2</sup>

## Mobile and web connectivity

### Brother Mobile Connect<sup>5</sup> (Android)

Print from, scan to, send faxes, preview received faxes, preview copies and check the machine status from an Android device

### Brother Mobile Connect<sup>5</sup> (iPad / iPhone)

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

### Apple AirPrint

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

### Brother Print Service Plugin<sup>5</sup>

Print from an Android devices without a dedicated app.

### Mopria™<sup>5</sup>

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

## Copy

### Copy speed (A4)<sup>11</sup>

1-sided: 25ipm/ppm mono and  
16ipm/ppm colour

### First copy out time<sup>11</sup>

5.0 seconds mono and  
6.0 seconds colour

### Resolution

Up to 600 x 600dpi

### Multi-copying/stack/sort

Makes up to 999 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

### 2 in 1 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 for each colour)

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

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

## Scan

### Scanner type

Contact image sensor (CIS)

### Colour and mono scanning

Yes

### Scan speed (A4)<sup>12</sup>

1-sided: 25ipm/ppm  
mono and colour

### Scan resolution from ADF

600 x 600dpi (mono)  
600 x 600dpi (colour)

### Scan resolution from scanner glass

1200 x 2400dpi (mono)  
1200 x 1200dpi (colour)

### Interpolated scan resolution

Up to 19200 x 19200dpi

### 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 network folder<sup>4</sup>

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 5 preset network,  
FTP profiles for an easy way to  
store multiple scan settings

### Scan to Microsoft Office

Scan to Word (.docx),  
PowerPoint (.pptx), Excel (.xlsx)  
for Microsoft Office

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

Scan documents directly into  
SharePoint (on-premise)

### Scan to searchable PDF<sup>7</sup>

Scan documents to searchable  
PDF files

### Auto deskew<sup>3</sup>

Yes

### Base colour removal<sup>3</sup>

Yes

## Scanner drivers

### Windows

TWAIN and WIA  
Windows 10  
(32 and 64 bit editions)  
Windows 8.1  
(32 and 64 bit editions)  
Windows 7  
(32 and 64 bit editions)  
Windows Server 2008  
R2/2012/2012 R2/2016/2019  
(64 bit editions)

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

SANE (32 and 64 bit editions)

## Fax

### Fax modem

14400bps (G3)

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

Send and receive faxes directly  
from your PC

### Memory transmission

Up to 150 pages  
(ITU-T Test Chart, standard  
resolution, JBIG)

### Out of paper reception

Up to 150 pages (ITU-T Test  
Chart, standard resolution,  
JBIG)

### Distinctive ring detection (UK and Denmark only)

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

### Error Correction Mode (ECM)

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  
On-premise Active Directory®

### BRAdmin<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

## Software

### Brother iPrint&Scan desktop<sup>3&5</sup>

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

## Security and network

### Wired network

10Base-T/100Base-TX

### Wired network security

APOP, SMTP-AUTH, SSL/TLS (IPPS, HTTPS, FTPS, SMTP, POP3, IMAP4), SNMP v3 802.1x (EAP-MD5, EAP-FAST, PEAP, EAP-TLS, EAP-TTLS), Kerberos, IPsec

### Wireless network

2.4GHz: IEEE 802.11 b/g/n (Infrastructure Mode)  
IEEE 802.11 g/n (Wi-Fi Direct)

5GHz: IEEE 802.11 a/n (Infrastructure Mode)  
IEEE 802.11 a/n (Wi-Fi Direct)

### Wireless network security

WEP 64/128 bit, WPA-PSK (TKIP/AES), WPA2-PSK (TKIP/AES), WPA3-SAE (AES)

\*Wi-Fi Direct supports WPA2-PSK (AES) only.  
APOP, SMTP-AUTH, SSL/TLS (IPPS, HTTPS, FTPS, SMTP, POP3, IMAP4), SNMP v3, 802.1x (EAP-FAST, PEAP, EAP-TLS, EAP-TTLS), Kerberos, IPsec

### 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

### IPv4

ARP, RARP, BOOTP, DHCP, APIPA(Auto IP), WINS/NetBIOS name resolution, DNS Resolver, mDNS, LLMNR responder, LPR/LPD, Custom Raw Port/Port9100, IPP, FTP Client, FTP Server, SNMPv1/v2c/v3, TFTP server, POP3/IMAP4/SMTP Client, ICMP, Web Services (Print/Scan), CIFS Client, SNTTP Client, LDAP, HTTP Server

### IPv6

NDP, RA, mDNS, LLMNR Responder, DNS Resolver, LPR/LPD, Custom Raw Port/Port9100, IPP, FTP Client, FTP Server, SNMPv1/v2c/v3, TFTP server, Web Services (Print/Scan), POP3/IMAP4, SMTP Client, CIFS Client, SNTTP Client, LDAP, ICMPv6, HTTP Server

### IP filter

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

### E-mail notifications

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

### E-mail reports

Receive usage reports on a regular basis via e-mail

### 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

## Supplies and accessories

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

LC422BK - 550 pages  
LC422C - 550 pages  
LC422M - 550 pages  
LC422Y - 550 pages  
LC422VAL - 4 x 550 pages

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

LC422XLBK - 3,000 pages  
LC422XLC - 1,500 pages  
LC4a22XLM - 1,500 pages  
LC422XLY - 1,500 pages  
LC422XLVAL - 3,000 pages BK, 1,500 pages CMY

Note: product is shipped with LC422 standard cartridges<sup>13</sup>

## Address book

### LDAP

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



## Dimensions and weights

**With carton (WxDxH)**  
636 x 468 x 419mm - 19.0kg

**Without carton (WxDxH)**  
530 x 398 x 305mm - 17.0kg

## Duty cycle

**Recommended monthly<sup>6</sup>**  
250 to 2,500 monthly print volume

## Environment

### Power consumption

Copying: approx. 36W  
Ready: approx. 5.5W  
Sleep: approx. 0.9W  
Power off: approx 0.03W

### Sound pressure

PC printing (colour/mono):  
approx. 51.5dB(A)

### Sound power

Mono: 6.78B(A)  
Colour: 6.82B(A)

### TEC value

0.17 kWh/week

### Ink save mode

This reduces the ink usage and helps to reduce the total cost of printer ownership

### GS mark

Yes

- 1 Approx. declared yield value in accordance with ISO/IEC 24711
- 2 Capacity calculated with 80g/m<sup>2</sup> paper
- 3 Windows and macOS only
- 4 Windows only
- 5 Optional download
- 6 Duty cycles 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
- 7 Requires Brother software
- 8 Must be web connected
- 9 Print speeds based on ISO/IEC 24734 ([www.brother.com/rd/printspeed](http://www.brother.com/rd/printspeed))
- 10 FPOT (First Print Out Time) based on ISO/IEC 17629
- 11 Copy speeds ESAT based on ISO/IEC 24735
- 12 Scan speeds based on ISO/IEC 17991
- 13 The first time you install a set of ink cartridges the machine will use an amount of ink to fill the delivery tubes for high quality printouts.  
This process will only happen once. The amount of ink remaining<sup>1</sup> will be a minimum of 358 pages BK and 358 pages CMY



### 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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