Professional colour multifunction A3 inkjet printer

MFC-J5945DW

www.brother.co.uk/x-series

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This 4-in-1 inkjet device boasts business functionality with a cost efficiency to be rivalled. Print up to A3 and use the 50 sheet A4 document feeder (ADF) to make copying and scanning quicker and easier. Access features easily using the 9.3cm colour touchscreen.

MFC-J5945DW

Key Features:

- High yield cartridges up to 6,000 pages[1]
- Fast print speeds of up to 22 images per minute (ipm)[8]
- Fast first print out time of under 6 seconds[9]
- 2 paper trays as standard holding 250 sheets each[2]
- Automatic 2-sided printing
- Wired and wireless connectivity
- 50 sheet ADF[2]
- Quick and secure print using integrated Near-Field Communication (NFC)
- Easy to use 9.3cm colour touchscreen

Inkjet now means business

Get further support for your office with the MFC-J5945DW 4-in-1 inkjet A3 printer. Offering automatic 2-sided A3 printing, with A4 scan and copy, this device is professional and offers high performance business features with low total cost of ownership. For total office support - think business ink.

Keep printing for longer

With a high paper capacity of 500 sheets as standard, you can spend your time focusing on your business rather than refilling the paper tray. The versatile 100 sheet multi-purpose (MP) tray allows you to use media up to 230gsm and supports quick and cost effective A3 and A4 colour printing.

Business features from an inkjet printer

With a host of business features and functions, the MFC-J5945DW offers quick and secure printing directly from your mobile using NFC. Set up fast scan options with the intuitive user interface allowing you to scan directly to your favourite office applications. The 9.3cm colour touchscreen features a page gauge function allowing you to keep track of your ink level usage.

Keep an eye on costs

Printing doesn't have to be expensive, and with this device we have ensured you get good value with a low total cost of ownership and unbeatable cost per page by using the optional high yield inks giving you up to 6,000 pages[1]. They also have low emissions and use less energy, meaning your machine supports you while you support the environment.

General

Technology
Inkjet

Memory
512MB

Local interface
Hi-Speed USB 2.0

Wired network
Built-in 10 Base-T/100Base-TX

Wireless network
IEEE 802.11b/g/n
(Infrastructure Mode/
Ad-hoc Mode),
Vertical Pairing

Wi-Fi direct™
Print wirelessly without having
to use a wireless access point
(both automatic and manual
methods supported)

Mobile print
Print from your mobile devices
to your Brother printer

Control panel
9.3cm colour touchscreen LCD

Print

Print speed (A4)[8]
22ipm mono and 20ipm colour

Resolution
4,800 x 1,200dpi

First print out time[9]
5.5 seconds mono
6 seconds colour

Warm up Time
0 seconds

Quiet mode
Further reduce the noise of
printing by restricting the
print speed

Print languages
PCL6, BR-Script3
(PostScript®3™ Language
Emulation), 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)
16 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

Printer functions

N-up printing[3]
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)

Booklet printing[4]
Print documents in A5 booklet
format using automatic or
manual 2-sided print

Poster printing[4]
Enlarge 1 A4 page into a poster
using 4, 9, 16 or 25 A4 pages

Watermark printing[4]
Watermark your documents
with predefined text or with your
own user-defined messages

Print profiles[3]
Store your favourite driver
settings as profiles to easily
recall them

Print text in black[4]
Converts all text in your
documents to black
when printed

Manual 2-sided print[4]
Manual 2-sided printing
(recommended for media not
supported by automatic
2-sided print)

ID printing[4]
Add identification to your
printed documents
(date and time, short custom
message or PC username)

Printer driver[5]

Windows®
Windows 7, 8, 8.1, 10,
Server 2008 & 2008 R2,
Server 2012 & 2012 R2

Mac
OS X 10.9.x, 10.10.x, 10.11.x
macOS 10.12.x, 10.13.x

Linux
CUPS, LPD/LPRng

Paper handling

Paper input[2]
Standard tray - 250 sheets
Lower tray - 250 sheets
Multi purpose tray - 100 sheets

ADF
Yes - 50 sheets

Paper output[2]
100 sheets

Media type and weights standard tray
Plain, inkjet, glossy, recycled 64-220g/m^2

Media sizes standard tray
A4, LTR, EXE, A3, LGR, LGL, folio, A5, A6, photo (10x15cm), indexcard (13x20cm), photo-L (9x13cm), photo-2L (13x18cm), com-10, DL envelope, monarch, C5, Mexico legal, India legal

Media type and weights lower tray
Plain, recycled 64-120g/m^2

Media sizes lower tray
A4, LTR, A3, LGR, LGL, folio, Mexico legal, India legal

Media type and weights MP tray
Plain, inkjet, glossy, recycled 64-220g/m^2

Media sizes MP tray
A4, LTR, EXE, A3, LGR, LGL, folio, A5, A6, photo (10x15cm), indexcard (13x20cm), photo-L (9x13cm), photo-2L (13x18cm), com-10, DL envelope, monarch, C5, Mexico legal, India legal

Media type and weights ADF
Plain and recycled paper (64-90g/m^2)

Media sizes ADF
Width: 105 to 215.5 mm, Length: 148 to 355.6 mm

Envelope printing
Yes, from the MP tray

Mobile and web connectivity

Brother iPrint&Scan[5] (Android)
Print and scan, send faxes, preview received faxes, preview copies and check machine status

Brother iPrint&Scan[5] (iPad / iPhone / iPod)
Print and scan, send faxes, preview received faxes, preview copies and check machine status

Brother iPrint&Scan[5] (Windows Phone)
Print and scan

Brother Print&Scan[5] (Windows 8,10 & RT)
Print and scan

Brother Print Service Plugin[5]
Print from Android devices without a dedicated App

Google Cloud Print 2.0
Print most common file types from any Google Cloud Print enabled application

AirPrint
Print most common file types from any AirPrint enabled application

Mopria
Print most common file types from Mopria supported Android devices

NFC / card reader support

Integrated NFC reader
Supports both NFC cards for secure authentication with pull-print solutions like Brother PrintSmart Pro and Android NFC devices for mobile print and scan. Supported NFC standards include: MIFARE Standard/Plus/ Ultralight/Ultralight C/DESfire (ISO14443 Type A), my-d move (ISO14443 Type A), Tag-it (ISO15693)

External NFC card reader support
Support for external NFC readers via the rear USB port. Supported card readers include: RFIDeas pcProx Enroll
• RDR-6081AKU
• RDR-6281AKU
• RDR-6381AKU
• RDR-6E81AKU
• RDR-6H81AKU
RFIDeas AIR ID Enroll
• RDR-7081AKU
• RDR-7581AKU
• RDR-7F81AKU
Elatec TWN3 Mifare, Mifare NFC1, Multi ISO
Elatec TWN4 Mifare NFC

Note: third party card readers require additional purchase. Other card readers supported if registered via the web interface

Copy

Copy speed (A4)[10]
15ipm mono and 11ipm colour

First copy out time[10]
10 seconds mono, 11 seconds colour from ready mode

Resolution
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

Scan

Scanner type
Contact image sensor

Colour and mono scanning
Yes

Scan speed
14ipm colour and mono[11]

Duplex scan speed
10ipm mono and colour

Scan resolution from ADF
600 x 600dpi

Scan resolution from scanner glass
1,200 x 2,400dpi

Interpolated scan resolution
19,200 x 19,200dpi

Colour depth
Colour processing (input)
48 bit (simplex), 30 bit (duplex)
Colour processing (output)
24 bit

Grey scale processing (input)
16 bit (simplex), 10 bit (duplex)
Grey scale processing (output)
8 bit

Scanner functions

Scan to USB
Scan to connected USB storage (up to 256Gb)

Scan to file
Scan to a file on your computer

Scan to OCR
Scan directly into your word processing application for instant editing

Scan to image
Scan into your preferred image editing software

Scan to e-mail
Scan and e-mail documents

Scan to e-mail server
Scan and share a document via e-mail server

Scan to FTP / SFTP
Scan a document directly to a FTP / SFTP server

Scan to network folder
Scan a document directly to a network folder without requiring a computer

Scan to SharePoint
Scan a document directly into SharePoint

Scan to web[12]
Scan a document directly to a cloud service

Scan profiles[3]
Create up to 25 preset profiles for an easy way to store multiple scan settings

Other scan features:
Duplex scan
Scan to Microsoft Office[12]
ADF auto deskew
Auto crop
Multi-page scan to single PDF file
Blank page skip
Base colour removal
ID scan[7]
1 to 2 scan[7]

Scanner drivers[5]

Windows®
TWAIN, ISIS & WIA
Windows® 10
Windows® 8
Windows® 7

Mac
TWAIN & ICA
OS X 10.9.x, 10.10.x, 10.11.x
macOS 10.12.x, 10.13.x

Linux
SANE

Fax

Fax modem
33,600bps (Super G3)

PC fax send[3] and receive[4]
Send and receive faxes directly from your PC

Memory transmission
Up to 180 pages
(ITU-T test chart,
Standard resolution, JBIG)

Out of paper reception
Up to 180 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 to use different ring tones

Error correction mode (ECM)
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 format the message to fit onto a single A4 sheet

Broadcasting
Send the same fax message up to 250 locations

Colour depth
Grey scale: 8 bit (256 shades)
Colour: 24 bit (16,777,216 colours)

Developers

Brother Solutions Interface (BSI)
Create powerful cloud and on-premise solutions directly, integrating the advanced print, scan and security capabilities of Brother devices.
For more information visit:
www.brother.eu/developers

Fleet management tools

Unattended installer[4]
Ability to centrally deploy and customise our drivers and software

MSI installer[4]
Modular installers that can be distributed through Active Directory®

BRAdmin Light/Professional[4&5]
Device management software

Embedded web server
Web-based embedded device management

Driver Deployment Wizard[4&5]
Create print drivers for easy deployment over the network

PrintSmart cost control
Monitor and control printing costs for Brother and third party devices.

For more information on PrintSmart Solutions visit:
www.brother.eu

Software[5]

Brother iPrint&Scan (Windows and Mac)
Print, Scan and check machine status from Windows or macOS

Nuance PaperPort 14 SE
Document management and sharing program

Brother Control Centre 4 for Windows
Easy access to many functions such as scan, photo print and PC-Fax directly from your computer

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

Wireless network security[13]
WEP 64/128 bit, WPA-PSK (TKIP/AES),
WPA2-PSK (TKIP/AES)
APOP, SMTP-AUTH, SSL/TLS (IPPS, HTTPS,FTPS, SMTP, POP3, IMAP4), SNMP v3, 802.1x (LEAP, EAP-FAST, PEAP, EAP-TLS, EAP-TTLS), Kerberos, IPsec

Wi-Fi direct™
Print wirelessly without having to use 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/FTPs Client FTP Server, SNMPv1/v2c/v3, TFTP server, SMTP Client, ICMP, Web Services (Print/Scan), CIFS Client, SNTP Client, POP3, LDAP, IMAP4, HTTP Server

IPv6
NDP, RA, mDNS, LLMNR Responder, DNS Resolver, LPR/LPD, Custom Raw Port/Port9100, IPP, FTP/FTPs Client FTP , SNMPv1/v2c/v3 , TFTP server, Web Services (Print/Scan), SMTP Client, POP3, CIFS Client, SNTP Client, LDAP, IMAP4, ICMPv6, HTTP Server

IP filter
Restrict which network users can access the device over the network (IPv4 only)

E-mail notifications
Automatically configure the device to 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

Setting lock
Secure access to the device control panel by locking it

Secure Function Lock 3.0
Restrict access to individual or groups of users. 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

Supplies and accessories

Ink cartridges[1]
High yield cartridges
LC3237BK - 3,000 pages
LC3237C - 1,500 pages
LC3237Y - 1,500 pages
LC3237M - 1,500 pages

Super high yield cartridges
LC3239BK - 6,000 pages
LC3239C - 5,000 pages
LC3239Y - 5,000 pages
LC3239M - 5,000 pages

Note product is shipped with LC3237 cartridges

Dimensions and weights

With carton (WxDxH)
662 x 543 x 504 mm - 25.3kg

Without carton (WxDxH)
545 x 436 x 379mm - 20.9kg

Duty cycle

Recommended monthly[6]
250 to 2,000 pages monthly
print volume

Maximum monthly[6]
Up to 30,000 pages monthly
print volume

Environment

Power consumption[14]
Networked standby: 2.2W
Copying: 30W
Ready: 6.5W
Sleep: 1.5W
Power off: 0.04W

Sound pressure level
50dB(A)

Sound power level
Mono: 6.73B(A)
Colour: 6.68B(A)

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

Energy Star
Yes

Blue Angel
Yes

Nordic Swan
Yes

GS Mark
Yes

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1   Approx declared yield value in accordance with ISO/IEC 24711.
2   Calculated with 80g/m² paper.
3   Windows® & Mac® only.
4   Windows® only.
5   Available for download.
6   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 exceeds your print requirements.
7   Requires Brother software.
8   Based on ISO/IEC 24734.
9   Based on ISO/IEC 17629.
10 Based on ISO/IEC 24735.
11 Based on ISO/IEC 17991.
12 Requires an internet connection.
13 Wi-Fi Direct supports WPA2-PSK (AES) only.
14 All value are approximate; power consumption varies depending on the usage environment or part wear.

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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