



# Professional colour multifunction A3 inkjet printer

**MFC-J6947DW**

# Professional colour multifunction A3 inkjet printer

The MFC-J6947DW has been built for reliability with the busiest of offices in mind, supporting full A3 print, scan and copy, with fastest in class print speeds. Along with the large paper capacity and high yield inks giving up to 6,000 pages\*, you can feel supported in your day to day tasks by a device designed for business.

**MFC-J6947DW**



## Key Features:

- High yield cartridges up to 6,000 pages<sup>1</sup>
- Fast print speeds of up to 22 images per minute (ipm)<sup>8</sup>
- Fast first print out time of under 6 seconds<sup>9</sup>
- 3 paper trays as standard holding 250 sheets each<sup>2</sup>
- Automatic 2-sided printing
- Wired and wireless connectivity
- 50 sheet auto document feeder (ADF)<sup>2</sup>
- 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 print, scan and copy, this device is high performance, professional and offers 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 750 sheets as standard, you can spend your time focussing 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-J6947DW 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 (TCO) and unbeatable cost per page (CPP) by using the optional high yield inks giving you up to 6,000 pages<sup>1</sup>. 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)<sup>8</sup>

22ipm mono and 20ipm colour

### Resolution

4,800 x 1,200dpi

### First print out time<sup>9</sup>

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<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)

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

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

### 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

### 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

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

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

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

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

## Printer driver<sup>5</sup>

### 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<sup>2</sup>

Standard tray - 250 sheets  
Lower tray - 250 sheets  
MP tray - 100 sheets

### ADF

YES - 50 sheets

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

100 sheets

### Media type and weights standard tray

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

### 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<sup>2</sup>

### 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<sup>2</sup>

### 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<sup>2</sup>)

### Media sizes ADF

Width: 105 to 297mm,  
Length: 148 to 431.8 mm

### Envelope printing

Yes, from the MP tray

## Mobile and web connectivity

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

Print and scan, send faxes, preview received faxes, preview copies and check machine status

### Brother iPrint&Scan<sup>5</sup> (iPad / iPhone / iPod)

Print and scan, send faxes, preview received faxes, preview copies and check machine status

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

Print and scan

### Brother Print&Scan<sup>5</sup> (Windows 8,10 & RT)

Print and scan

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

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)<sup>10</sup>

15ipm mono and 11ipm colour

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

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

A4 portrait: 18ipm mono and colour  
A4 landscape: 11ipm mono and colour  
A3: 8ipm mono and colour

### Scan resolution from ADF

Up to 600 x 600dpi

### Duplex scan speed

A4 portrait: 36ipm mono and colour  
A4 landscape: 22ipm mono and colour  
A3: 16ipm mono and colour

### 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

Greyscale processing (input) 16 bit (simplex), 10 bit (duplex)  
Greyscale 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<sup>12</sup>

Scan a document directly to a cloud service

### Scan profiles<sup>3</sup>

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

### Other scan features:

Duplex scan  
Scan to Microsoft Office<sup>12</sup>  
ADF auto deskew  
Auto crop  
Multi-page scan to single PDF file  
Blank page skip  
Base colour removal  
ID scan<sup>7</sup>  
1 to 2 scan<sup>7</sup>

## Scanner Drivers<sup>5</sup>

### 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<sup>3</sup> and receive<sup>4</sup>

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](http://www.brother.eu/developers)

## 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®

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

Device management software

### Embedded web server

Web-based embedded device management

### Driver Deployment Wizard<sup>4&5</sup>

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](http://www.brother.eu)

## Software<sup>5</sup>

### 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<sup>13</sup>

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<sup>1</sup>

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)**  
681 x 576 x 574 mm - 32.8kg

**Without carton (WxDxH)**  
575 x 477 x 449mm - 27.9kg

## Duty cycle

**Recommended monthly<sup>6</sup>**  
250 to 2,000 pages monthly  
print volume

**Maximum monthly<sup>6</sup>**  
Up to 30,000 pages monthly  
print volume

## Environment

**Power consumption<sup>14</sup>**  
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

- 1 Approx declared yield value in accordance with ISO/IEC 24711.
- 2 Calculated with 80g/m<sup>2</sup> 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](http://www.brotherearth.com)

All specifications correct at the time of printing and are subject to change. Brother is a registered trademark of Brother Industries Ltd. Brand product names are registered trademarks or trademarks of their respective companies.

**brother**  
at your side