Colour wireless
A3 inkjet 4-in-1 printer

MFC-J6945DW

PRINT   COPY   SCAN   FAX   WIRELESS

Colour wireless A3 inkjet 4-in-1 printer

The MFC-J6945DW offers A3 print, scan and copy all in one inkjet device. With the option to use high-yield inks giving you up to 6,000 pages, which not only saves you time and money, but improves efficiency in the workplace.

MFC-J6945DW

Key Features:

- High-yield cartridges up to 6,000 pages[1]
- Quick print speeds of up to 22 images per minute[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 Auto Document Feeder (ADF)[2]
- Quick & 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 500 sheets as standard, you can spend your time focussing on your business rather than refilling the paper tray. The versatile 100 sheet multi-purpose tray allows you to use media up to 220gsm 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-J6945DW offers quick and secure printing directly from your mobile using Near-Field Communication. 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[1]. They also have low emissions and use less energy, meaning your machine supports you while you support the environment.

brother
at your side

General

Technology
Inkjet

Memory
512MB

Local Interface
Hi-Speed USB 2.0

Wired Network
Built-in 10Base-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 & 20ipm colour

Resolution
Up to 4,800 x 1,200dpi

FPOT (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 bar codes*
*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 & 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
macOS
v10.11.6/10.12.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
Automatic Document
Feeder (ADF) - 50 Sheets

Paper Output[2]
100 sheets

**Media Type & Weights
Standard Tray**
Plain, Inkjet, Glossy, Recycled
64-220g/m^2

Envelope Printing
Yes, from the
Multi Purpose Tray

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 & 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 & Weights Multi
Purpose Tray**
Plain, Inkjet, Glossy, Recycled
64-220g/m^2

**Media Sizes Multi
Purpose 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 Legale

Media Type & Weights ADF
Plain & Recycled paper
(64-90g/m^2)

Media Sizes ADF
Width 105 to 297 mm,
Length 148 to 431.8 mm

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

Near-Field Communications (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**
(Note 3rd party card readers
require additional purchase.
Other card readers supported
if registered via the web interface)
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

Copy

Copy Speed (A4)[10]
Up to 15 ipm Mono,
11ipm Colour

FCOT (First Copy Out Time)[10]
6 seconds Mono and Colour
from ready mode

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

Scan

Scanner Type
CIS (Contact Image Sensor)

Colour & Mono Scanning
Yes

Scan Speed Mono/Colour
A4 portrait: 18 ipm / 18 ipm
A4 landscape: 11 ipm / 11 ipm
A3: 8 ipm / 8 ipm
(images per minute)[11]

**Duplex Scan Speed
Mono/Colour**
A4 portrait: 36 ipm / 36 ipm
A4 landscape: 22 ipm / 22 ipm
A3: 16 ipm / 16 ipm
(images per minute)[11]

Scan Resolution from ADF
Up to 600 x 600dpi

**Scan Resolution from
Scanner Glass**
Up to 1,200 x 2,400dpi

**Interpolated Scan
Resolution**
Up to 19,200 x 19,200dpi

Colour Depth
Colour Processing (Input)
48 bit
Colour Processing
(Output) 24 bit

Grey Scale Processing
(Input) 16 bit
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 Email
Scan and email documents

Scan to Email 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
macOS
v10.11.6/10.12.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 & 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
3rd party devices.

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

Software[5]

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

Nuance PaperPort 14 SE
Document management &
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

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 4 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
LC3239XLBK - 6,000 pages
LC3239XLC - 5,000 pages
LC3239XLY - 5,000 pages
LC3239XLM - 5,000 pages

Note product is shipped with LC3237 cartridges

Dimensions and Weights

With Carton (WxDxH)
681 x 576 x 504 mm - 28.7kg

Without Carton (WxDxH)
575 x 477 x 379mm - 24.2kg

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: 29W
Ready: 6.5W
Sleep: 1.6W
Power Off: 0.04W

Sound Pressure Level
50dB(A)

Sound Power Level
Mono: 6.73B(A)
Color: 6.65B(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/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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