

MFC-J680DW

Inkjet All In One With FAX

6.8cm Colour
Touchscreen LCD
with Touch Panel Controls

Built-in
Wireless
Networking



Up to 12 ipm
Print Speed

20 sheet ADF

Top Features:

Fast Colour Printing

- Print speeds of up to 10ipm colour and 12ipm mono

Colour LCD Display with touch panel

- Easy navigation and menu selection via the 6.8cm colour LCD and touch panel controls

Built-in Wireless Networking

- Share with your workgroup via the built-in wireless 802.11b/g/n network interface

High Yield Replacement Cartridges

- Help lower your operating costs with optional high yield replacement cartridges

Colour Fax

- 14,000bps fax modem

Manual Feed Slot

- Single sheet rear manual feed slot for heavier paper types

Mobile Printing & Scanning

- Support for Brother iPrint&Scan, Google Cloud Print⁶, Apple AirPrint & Mopria Print Service

Cloud Services⁶,

- Google Drive, Facebook, Flickr, Picasa, Dropbox, Evernote, Box and OneDrive Scan to only. "No Printing"

Automatic Document Feeder

- 20 Sheet ADF

Photo Capture Centre

- Print from and scan directly to memory card, And USB host/Pictbridge port



General

Engine	Inkjet
Input Paper Capacity	100 sheets ² standard tray + 20 sheet photo tray + single sheet manual feed slot
Output Paper Capacity	50 sheets ²
Max. Flatbed Paper Input Width / Height	215.9/297mm
LCD Display	6.8 cm colour LCD with touch panel controls
On-Screen Programming	Yes
Memory Capacity	128MB
Simultaneous Operation	Yes
Ink Gauge Indication	Ink levels can easily be displayed on the LCD using the ink management menu
Power Save Button	This model has an On/Off button on the control panel

Colour Printer

Speed	12ipm mono & 10ipm colour based on ISO/IEC 24734
Speed (Fast Mode)	Up to 27 pages per minute mono & up to 23pages per minute colour
Warm-up Time	0 seconds
Resolution⁷	Up to 6,000 x 1,200dpi
2- Sided Print	Yes
Paper Handling Size	A4, LTR, EXE, A5, A6, Photo(10x15cm), Indexcard(127x203mm), Photo-2L(127x178mm), C5 Envelope, Com-10, DL Envelope, Monarch
Photo Paper Tray	20 Sheet Photo Paper Tray 64-220g/m ²
Standard Paper Tray²	100 sheets up to letter 64-220g/m ²
Manual Feed Slot	1 Sheet rear manual feed slot 64/300g/m ²
Automatic document feeder	ADF – 20 sheets
Paper Output²	Face Up - 50 sheets
Media Type	Plain / Inkjet / Glossy
Borderless Printing	Borderless printing is available for A4, LTR, A6, Photo, Indexcard, Photo-2L
Droplet Size	Minimum droplet size of 1.5pl
Colour Enhancement	Brother Image Enhancement allows the user to customise colour output
Printer Driver	Compatible with Windows® XP/Vista/7/8, Windows Server® 2003/2003 R2/2008/2008 R2/2012/21012 R2 (Windows Server® print only), OS X 10.8.5/10.9.x/10.10.x

¹Approx declared yield value in accordance with ISO/IEC 24711

²Calculated with 80g/m² paper

³Windows® & Mac® only

⁴Windows® only

⁵Optional free download from the Brother Solutions Centre <http://solutions.brother.com>

⁶Must be web connected

⁷Vertical x horizontal

⁸Requires Brother software

⁹Maximum 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

¹⁰SESAT (based on ISO/IEC 29183) *This spec is for non-ADF model only

Mobile / Web Based Printing & Scanning

iPrint&Scan (Android)	Print directly from or scan directly to a smart phone or tablet running the Android Operating System
iPrint&Scan (iPad / iPhone / iPod)	Print directly from or scan directly to an iPad / iPhone / iPod
iPrint&Scan (Windows® Phone)	Print files directly from or scan directly to a smart phone running the Windows® Phone 7/8 Operating System
Google Cloud Print⁶	Print most common file types from any Google Cloud Print enabled application
Android print service plugin	Print directly from the print option
Apple AirPrint	Print most common file types from any Apple AirPrint enabled application
Mopria	Print Using the Mopria print service
Scan to	Scan to the following cloud services direct from the control panel Google Drive, Facebook, Flickr, Picasa, Dropbox , Evernote, Box and OneDrive

Colour Copier

Speed	6 ipm mono / 6 ipm colour ISO/IEC 24735
Resolution	up to 1,200 x 1,200dpi (Colour & Mono)
Enlargement/Reduction Ratio	Reduce or enlarge document sizes from 25% to 400% in 1% increments
Multi Copy	Up to 99 copies of the original

Colour Scanner

Technology	CIS (Contact Image Sensor)
Warm-up Time	0 Seconds
Resolution (Optical)	Up to 1,200 x 2,400dpi
Resolution (Interpolated)	Up to 19,200 x 19,200dpi ⁸
Speed	3.37 seconds mono & 4.27 seconds colour (A4, 100dpi)
Grey Scale	256 shades of grey are available for copying or scanning
Twain Compliant	This model is TWAIN and WIA compliant for Windows® (WIA is Windows® XP/Vista/7/8 only)
Operating System	Windows® XP/Vista/7/8 & Mac OS OS X v10.8.5/10.9.x/10.10.x
'Scan To'	Allows the user to scan to E-mail, Image, File, OCR & Web Services
Supporting:	JPEG, BMP, PDF, TIFF, PNG – (USB Flash Drive/Media Card – JPEG, PDF (colour) / TIFF, PDF (mono))
Colour Depth	This model has a 30bit internal and 24 bit external processing colour scanner

Interface

Local Interface	Hi-Speed USB 2.0
Wireless Network Interface	Built-in 802.11b/g/n Wireless network interface(Infrastructure Mode/Adhoc Mode)
Wi-Fi Direct™	Print & scan wirelessly without having to go through a wireless access point or network
Network functions	Printing, Scanning
Network Protocols	TCP/IP IPv4
IPv4	ARP, RARP, BOOTP, DHCP, APIPA(Auto IP), WINS/NetBIOS name resolution, DNS Resolver, mDNS, LLNMR responder, LPR/LPD, Custom Raw Port/Port9100, FTP Server, SNMPv1/v2c, TFTP server, ICMP, Web Services (Print/Scan), SNMP Client
Wireless Setup	Wi-Fi Protected Setup™ (WPS), AirStation OneTouch Secure System™ (AOSS)
Wireless Security	WEP 64/128bit, WPA-PSK(TKIP/AES), WPA2-PSK(AES)

Network Management Utilities

Embedded Web Server	Yes
BRAdmin Light^{3&5}	Setup and LAN management software
Driver Deployment Wizard⁴	Easily create print drivers for hassle free deployment over your network
Brother Apps	
Office Doc Creator	Converts your scanned document into an editable Microsoft Office document
Outline and Copy	Only copies the area outlined by red pen
Outline and Scan	Only scans the area outlined by red pen
Folding Notes	Create handy folding note papers
Note Scan	Scan and organise notes taken on the folding note papers

Supplies

Standard Yield Ink Cartridges	Black (LC-221BK) 260 pages ¹ Cyan (LC-221C) 260 pages ¹ Magenta (LC-221M) 260 pages ¹ Yellow (LC-221Y) 260 pages ¹
High Yield Ink Cartridges	Black (LC-223BK) 550 pages ¹ Cyan (LC-223C) 550 pages ¹ Magenta (LC-223M) 550 pages ¹ Yellow (LC-223Y) 550 pages ¹
Carton Contents	Ink Cartridges, Power Supply Cord, Driver Software, Quick Set-Up Guide, PC Interface Cable NOT Included

The frequency of replacement consumables will vary depending on the complexity of the prints, the percentage of coverage, paper size, page per job, and the type of media. For example glossy coated paper will result in a shortened life of such supplies.

Dimensions & Weight

With Carton	W249 x D477 x H456 10.1KG
Without Carton	W400 x D341 x H172mm 8.3 KG

Duty Cycles

Recommended Monthly	50 to 100 pages monthly print volume
Maximum Monthly⁹	Up to 2,500 pages monthly print volume

Environment

Power Consumption	Operating – 19W Ready Mode – 3.5W Sleep Mode – 1.3W Off – 0.2WW
Sound Pressure Level	50 dBA (Maximum)
Ink Save Mode	This enables the printer to consume less energy when not in use
Energy Star	Yes
Blue Angel	Blue Angel expected after initial production
Nordic Swan	Yes

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Colour Fax

Fax Modem	14,400bps
PC Fax send & receive⁸	Sends & receives faxes direct from / to your PC (Receiving is for Windows [®] only)
Automatic Redial	Automatic redialling if the recipient fax is busy
Distinctive Ring Detection	A service purchased from a telephone company that allows two or more telephone numbers to share a single fixed line, the function enables the machine to provide a different ring tone for each number (UK and Denmark only)
Fax/Tel Switch	Automatic recognition of fax and telephone reception
Super Fine	Enables quality transmission of very small print and line drawings (B&Wonly)
Enhanced Remote Activate	Transfer a fax call, answered on an extension phone, to the fax machine
Memory Transmission	up to 170 pages (ITU-T Test Chart #1/MMR)
Out of Paper Reception	up to 170 pages (ITU-T Test Chart #1/MMR)
Dual Access	Allows the operator to perform 2 different tasks on the machine at the same time (mono only)
Broadcasting	Send the same fax message to up to 50 locations
Auto Reduction	When receiving a single page document more than 297mm long the fax machine will automatically reduce the message to fit onto a single A4 sheet
ECM (Error Correction Mode)	Detects line errors during fax transmission and resends the page (s) of the document that had an error (recipient machines must share this feature for it to work)
Remote Set-up	Allows the user to set-up the MFC from their PC (Windows [®] & Macintosh)
Grey Scale	256 shades of grey are available for faxing
Address Book Locations	40 Address Book Locations,
Group Dial	A combination of up to 6 groups can be stored for broadcasting
Caller ID	Yes

Colour Fax

Delayed Timer	Yes
Polling Type	Yes
Batch Transmission	Yes
Fax Forwarding	Yes
Remote Access	Yes
Fax Retrieval	Yes
Address Book Locations	40 Address Book Locations, each location can store 2 fax numbers

Direct Photo Printing

PhotoCapture Centre Compatible With:	Memory Stick Duo: 16MB-128MB Memory Stick Pro Duo/micro with adapter: 256MB-32GB (MagicGate: Yes if not use MG function) Secure Digital: 16MB-2GB (MiniSD/MicroSD with adapter) Secure Digital High Capacity (SDHC): 4-32GB (Mini/Micro with adapter) Secure Digital Extended Capacity (SDXC): 48-128GB Multimedia card 32MB-2GB Multimedia card plus 128MB-4GB Multimedia card mobile 64MB-1GB with adapter
Media Format	The following media formats are supported by this model: DPOF, EXIF DCF
Image format	The following image formats are supported by this model: Photo print – JPEG Scan to card – colour: JPEG, PDF mono: TIFF, PDF
Removable Disk Drive	The PhotoCapture Centre™ can be used as a removable disk drive in order to save and retrieve files onto any of the listed Media Cards
PictBridge Connection	Yes
Print From USB Flash Drive	Yes (JPEG) Supporting USB Flash Drives up to 64GB

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