

MFC-J870DW

Cloud connected, mobile enabled A4 AIO inkjet printer

This wireless compact all-in-one offers the best of all worlds – it prints, scans copies and faxes with enhanced connectivity and excellent usability.

It's easy to print directly from Apple IOS, Blackberry, Android and Windows mobile devices. What's more, the MFC-J870DW is the first inkjet on the market to feature Near Field Communication (NFC) printing and scanning. Printing from, or scanning to, cloud services such as Dropbox, Facebook, Google Drive and Flickr is straightforward and disc printing is available as well. The device also offers new innovative ways to print, copy and scan through 'Brother Apps'.

The 6.8cm touchscreen colour display offers quick and simple navigation. Ease of use is further enhanced with a 20 sheet automatic document feeder. The device delivers print speeds of up to 12 ipm (ISO/IEC) while the high-yield ink cartridges and automatic 2-sided print mean reduced print costs.



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

Automatic Document feeder

- 20 sheet ADF

Colour Fax

- 14,000bps fax modem

Photo Capture Centre

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

Wired LAN

- Built in wired Ethernet connection

High Yield Replacement Cartridges

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

Mobile Printing & Scanning

- Support for Brother iPrint&Scan, Google Cloud Print⁶, Apple AirPrint and Cortado WorkPlace^{®6}

Automatic 2-Sided Printing

- Create 2-sided documents to reduce paper consumption

Brother Apps

- Added smart scanning and copy functions

Cloud Services

- Scan to and print from Google Drive, Facebook, Flickr, Picassa, Dropbox, Evernote, Box and SkyDrive

Disk Print

- Print directly onto printable CD/DVD/BD

General

Engine	Inkjet
Input Paper Capacity	150 sheets ²
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 33 pages per minute mono & up to 27 pages per minute colour
Warm-up Time	0 seconds
Resolution⁷	Up to 6,000 x 1,200dpi
2-Sided Print	Available for the following paper sizes: A4/LTR/EXE/A5
Disk Print	Print directly onto printable CD/DVD/BD Disks
Paper Handling Size	A4, LTR, EXE, A5, A6, Photo(102x152mm), Indexcard(127x203mm), Photo-2L(127x178mm), C5 Envelope, Com-10, DL Envelope, Monarch
Paper Input²	Standard Tray – 100 sheets up to letter 20 Sheet Photo Paper Tray
Automatic document feeder	ADF – 20 sheets
Paper Output²	Face Up - 50 sheets
Media Type	Plain / Inkjet / Glossy / Transparency
Media Weight	Paper tray: 64-220g/m ²
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 (Windows Server® print only), Mac OS X v10.6.8/10.7.x/10.8.x Linux

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

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
Apple AirPrint	Print most common file types from any Apple AirPrint enabled application
Cortado Cloud Print⁶	Print most common file types from any smart phone, tablet or PC running Cortado applications that support Cortado Cloud Print

Colour Copier

Speed	6ipm mono / 6ipm colour ISO/IEC 24735
Resolution	up to 1,200 x 1,200dpi (Colour & Mono)
Copy enhancement	Features include: Book Copy and Skew Correction/Thin Paper Copy/Watermark Copy/Remove Background
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 v10.6.8/10.7.x/10.8.x, Linux
'Scan To'	Allows the user to scan to E-mail, Image, File, OCR & USB
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
Wired Network Interface	This model is supplied with a built in 10/100 Base-TX network interface
Wireless Network Interface	This model is supplied with 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
NFC	Create a Wi-Fi Direct™ connection automatically by touching the mobile device to the MFC
Network functions	Printing, Scanning, (Network Scanning 2 user PaperPort license supplied as standard)
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)
Wireless Setup	Wi-Fi Protected Setup™ (WPS), AirStation OneTouch Secure System™ (AOSS)
Wireless Security	WEP 64/128, WPA-PSK (TKIP&AES), WPA2-PSK (AES)
Operating system	Windows® XP/Vista/7/8, Windows Server® 2003/2003 R2/2008/2008 R2/2012 (Windows Server® print only), Mac OS X 10.6.8, 10.7.x, 10.8.x
Optional user licences	Optional 5 user PaperPort licences are available to purchase (NL-5)

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

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Supplies

Standard Yield Ink Cartridges	Black (LC-121BK) 300 pages ¹ Cyan (LC-121C) 300 pages ¹ Magenta (LC-121M) 300 pages ¹ Yellow (LC-121Y) 300 pages ¹
High Yield Ink Cartridges	Black (LC-123BK) 600 pages ¹ Cyan (LC-123C) 600 pages ¹ Magenta (LC-123M) 600 pages ¹ Yellow (LC-123Y) 600 pages ¹
Carton Contents	LC121 Ink Cartridges, Power Supply Cord, Driver Software For Windows® & Mac, 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	W478 x D244 x H456mm 10.9kg
Without Carton	W410 x D374 x H180mm 11.2kg

Duty Cycles

Recommended Monthly	Up to 300 pages monthly print volume
Maximum Monthly⁹	1,250 pages monthly print volume

Environment

Power Consumption	Operating – 18W Ready Mode – 4W Sleep Mode – 1.3W Off – 0.2W
Sound Pressure Level	50dBA (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

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
Telephone Index	An electronic, alphabetical listing of stored speed dials and group numbers
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)	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) TBC
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	100 Address Book Locations, each location can store 2 fax numbers
Group Dial	A combination of up to 6 groups can be stored for broadcasting
Caller ID	Yes
Delayed Timer	Yes
Polling Type	Yes
Batch Transmission	Yes
Fax Forwarding	Yes
Remote Access	Yes
Fax Retrieval	Yes

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
Photo Enhance	Features include: Auto Correct/Skin-Tone/Scenery/Red-eye/Night Scene/Fill Light/Whiteboard
Media Format	The following media formats are supported by this model: DPOF, EXIF DCF The following image formats are supported by this model:
Image format	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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