

MFC-J4420DW Inkjet All In One with Fax & A3 Print

6.8cm Colour
Touchscreen

Built-in
Wireless
Networking



Up to 20ipm
Print Speed

Automatic
2-Sided
Printing

Top Features:

Fast Colour Printing

- Help increase office productivity with print speeds of up to 18ipm colour and 20ipm mono

Colour Touchscreen Display

- Easy navigation and menu selection via the 6.8cm colour LCD touchscreen

Automatic 2-Sided Printing

- Create 2-sided documents to reduce paper consumption

Built-in Wi-Fi Networking

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

Automatic document feeder

- 20 sheet automatic document feeder (ADF) for copy, scan and fax

High Yield Replacement Cartridges

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

High Quality Occasional A3 Output

- Print professional colour documents with output up to 6,000 x 1,200dpi resolution¹⁰ and up to A3 in size

Mobile Printing & Scanning

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

Cloud Services

- Scan to and print from Google Docs, Evernote, Facebook, Flickr, Picassa, Dropbox, Onedrive & Box

Advanced Fax Capabilities

- 14.4Kbps modem, PC-Fax Send^{8&3}, PC-Fax Receive^{8&4} and Internet Fax⁵ (Ifax)



General

Engine	Inkjet
LCD Display Size	6.8cm colour touchscreen
On-Screen Programming	Simple to use touchscreen interface
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	20ipm mono & 18pm colour based on ISO/IEC 24734
Speed (Fast Mode)	Up to 35 pages per minute mono & up to 27pages per minute colour
Warm-up Time	0 seconds
Resolution¹⁰	Up to 6,000 x 1,200dpi
2- Sided Print	From both paper tray and manual feed slot up to A4
Media Type	Plain / Inkjet / Glossy
Borderless Printing	Borderless printing is available for Borderless for A4,LTR,A6,Photo,PhotoL,Photo2L,Index,A3(from bypass), Ledger(from bypass)
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 R2/2008/2012 (Windows Server® print only), Mac OS X v10.7.5/10.8.x/ 10.9.x

Colour Copier

Speed	12mono/9colour ipmc olour Copy Speed ESAT (based on ISO/IEC 24735)
Resolution	Print & scan 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
Book Copy	Corrects dark borders and skews when copying books from the scanner glass

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	3.34seconds mono, 4.15 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 & OS X v10.7.5/10.8.x/ 10.9.x
'Scan To'	Allows the user to scan to File, E-mail, OCR, Image, USB Flash Memory drive, Card, FTP, (file for Windows® and Mac OS X v10.7.5/10.8.x/ 10.9.x) & Network ⁴ Cloud Services (Web Connect –Facebook, Google Drive, Flickr, Picassa, Dropbox, Evernote, Onedrive, Box, One Note)
Supporting:	JPEG, BMP, PDF, TIFF, PNG – (USB Flash Drive/Media Card – JPEG, PDF (colour) / TIFF, PDF (mono))
Colour Depth	This model has a 48 bit internal and 24 bit external processing colour scanner
Push Network Scanning	Scan to E-mail server ⁵

Paper Handling

Paper Input²	Standard Tray – 150 sheets up to letter Manual Feed Slot – 1 sheet up to A3 ADF – 20 sheets
Paper Output²	Face Up - 50 sheets

Media Specification

Media Weights	Standard Tray: 64 - 220 g/m ² , Manual Feed Slot: 64 - 220 g/m ² 2-Sided: 64 - 120g/m ² ADF - 64-90g/m ²
Media Sizes	Standard Tray - Landscape: A4, Letter, EXE Portrait: A5, A6, Photo 102x152mm, Photo-L 89x127mm, Photo-2L 127x178mm, Indexcard 127x203mm, Com-10, DL Envelope, Monarch. Manual Feed Slot – Landscape: A4, Letter, EXE Portrait: A3, Ledger, Legal, A5, A6, Photo 102x152mm, Photo-L 89x127mm, Photo-2L 127x178mm, Indexcard 127x203mm, C5, Com-10, DL Envelope, Monarch.
Max. Flatbed Paper Input Width / Height	215.9/297mm

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

⁷For Android devices running Android 1.6 or later and Apple devices running iOS 2.0 or later

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

¹⁰Vertical x horizontal

Specifications are subject to change without notice.

Direct Photo Printing

PictBridge Connection	Yes
Print From USB Flash Drive	Yes (JPEG) Supporting USB Flash Drives up to 64GB
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
LCD Photo Enhance	Edit and enhance images before printing

Mobile 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 Touch
iPrint&Scan (Windows® Phone)	Print directly from or scan directly to a smart phone running the Windows® Phone Operating System
Print&Scan (Windows® 8 & RT)	Print directly from or scan directly to a Windows® 8 or Windows RT Tablet
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

Brother Apps

Outline and Scan	Circle just the content needed in red pen and the machine will scan just the selected area.
Outline and Copy	Circle just the content in red pen and the machine will copy or remove the selected area.
Folding Notes	print a range of folding note papers for taking handwritten notes. The user can then scan their notes to be saved.
Office Doc creator	Scan to an editable office document
Easy Scan to Email	TBD
Fax to Cloud	Yes

Address Book

Address Book Locations	100 Address Book Locations, each location can store 2 fax numbers or E-mail addresses
Group Dial	A combination of up to 6 groups can be stored for broadcasting
LDAP	Access to your companies address book hosted on a server like Microsoft® Exchange

Colour Fax

Fax Modem	14,400bps
Internet Fax (iFax)⁵	Fax documents anywhere in the world over the Internet without the use of a telephone line
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
Enhanced Remote Activate	Transfer a fax call, answered on an extension phone, to the fax machine
Delayed Timer	Up to 50 (mono only)
Polling Type	Standard & Secure Polling (mono only)
Memory Transmission	up to 200 pages (ITU-T Test Chart #1/MMR)
Out of Paper Reception	up to 200 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 200 locations
Batch Transmission	Stores documents for the same location in the machines memory for transmission in a single call (mono only)
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)
Fax Forwarding	Sends a fax received in memory to another pre-programmed fax number (mono only)
Remote Access	Allows the user to remotely access their machine by using another touch tone phone
Fax Retrieval	Allows the user to retrieve fax messages using another touch tone machine (mono only)
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

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Interface

Local Interface	Hi-Speed USB 2.0 & USB Host
Wireless Network Interface	This model is supplied with built-in 802.11b/g/n Wireless network interface (Infrastructure Mode/Adhoc Mode)
Wi-Fi Direct	Direct W-Fi communication with your Wi-Fi direct enabled mobile devices
Network functions	Printing, Scanning, PhotoCapture, (Network Scanning 2 user PaperPort license supplied as standard)
Network Protocols	TCP/IP (IPv4 and IPv6)
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 Client and Server, SNMPv1/v2c, TFTP server, SMTP Client, ICMP, Web Services (Print/Scan), CIFS Client, SNTIP Client, HTTP server, POP3
IPv6 (off by default)	NDP, RA, mDNS, LLMNR Responder, DNS Resolver, LPR/LPD, Custom Raw Port/Port9100, IPP, FTP Client/Server, SNMPv1/v2, TFTP server, Web Services (Print/Scan), SMTP Client, CIFS Client, SNTIP Client, ICMPv6, HTTP Server, POP3, IMAP4
Wireless Setup	Wi-Fi Protected Setup™ (WPS), AirStation OneTouch Secure System™ (AOSS)
Wireless Security	WEP 64/128bit, WPA-PSK (TKIP/AES), WPA2-PSK (AES) (NO LEAP)
Optional user licences	Optional 5 user PaperPort licences are available to purchase (NL-5)
Network Management Utilities	
Embedded Web Server	Web based print management software embedded onto the device
BRAdmin Light^{3&5}	Setup and LAN management software
Driver Deployment Wizard⁴	Easily create print drivers for hassle free deployment over your network

Supplies

Standard Yield Ink Cartridges	Black (LC-223BK) 550pages ¹ Cyan (LC-223C) 550pages ¹ Magenta (LC-223M) 550pages ¹ Yellow (LC-223Y) 550pages ¹
High Yield Ink Cartridges	Black (LC-227XLBK) 1,200 ¹ Cyan (LC-225XLC) 1,200 pages ¹ Magenta (LC-225XLM) 1,200 pages ¹ Yellow (LC-225XLY) 1,200 pages ¹
Carton Contents	Ink Cartridges, Power Supply Cord, Driver Software For Windows® & Mac, Quick Set-Up Guide, Fax Line Cord 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	599(W) x 265 (D) x 398(H)mm 11.9KG
Without Carton	480 (W) x 290(D) x 188 (H)mm 9.5KG

Duty Cycles

Recommended Monthly	250 to 1,000 pages monthly print volume
Maximum Monthly⁹	Up to 13,000 pages monthly print volume

Environment

Power Consumption	Copying: 23W, Ready: 5.0W Sleep Mode: 1.7W, Off: 0.04W
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Sound Pressure Level	Operating – Average 50dBA
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Ink Save Mode	This enables the printer to consume less energy when not in use
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Toner Saving	This reduces the ink usage and helps to reduce the total cost of printer ownership
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Energy Star	Yes
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Blue Angel	Yes
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Nordic Swan	Yes
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