MFC-J5620DW

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MFC-J5620DW
Inkjet All In One with Fax & A3 Print

9.3cm Colour Touchscreen

Built-in Wireless Networking

Up to 22ipm Print Speed

Automatic 2-Sided Printing

Top Features:

Fast Colour Printing
• Help increase office productivity with print speeds of up to 20ipm colour and 22ipm mono

Colour Touchscreen Display
• Easy navigation and menu selection via the 9.3cm 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

Rear Multi Purpose Tray
• Flexible paper handling with an 80 Sheet multipurpose paper tray

High Yield Replacement Cartridges
• Help lower your operating costs with optional high yield replacement cartridges

High Quality A3 Output
• Print professional colour documents with output up to 6,000 x 1,200dpi resolution[10] and up to A3 in size

Mobile Printing & Scanning
• Support for Brother iPrint&Scan, Google Cloud Print[6], Apple AirPrint

Advanced Fax Capabilities
• 14.4Kbps modem, PC-Fax Send[8&3], PC-Fax Receive[8&4] and Internet Fax[5] (Ifax)

Windows 8 Compatible | Compatible with Windows7 | Mac | AirPrint | WiFi CERTIFIED | ENERGY STAR

General

Engine	Inkjet
LCD Display Size	6.8cm colour touch screen
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	On/Off button on the control panel

Colour Printer

Speed	22ipm mono & 20ipm colour based on ISO/IEC 24734
Speed (Fast Mode)	Up to 35pages per minute mono & up to 27pages per minute colour
Warm-up Time	0 seconds
Resolution[10]	Up to 6,000 x 1,200dpi[10]
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, Ledger
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 OS X v10.7.5/10.8.x/ 10.9.x

Colour Fax

Fax Modem	33,600bps
Internet Fax (iFax)[5]	Fax documents anywhere in the world over the Internet without the use of a telephone line
PC Fax send & receive[8]	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	Yes (UK and Denmark only)
Fax/Tel Switch	Automatic recognition of fax and telephone reception
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)

Colour Fax Cont.

Dual Access	Allows the operator to perform 2 different tasks on the machine at the same time (mono only)
Broadcasting	Up to 200 locations
Batch Transmission	Stores documents for the same for transmission in a single call (mono only)
Auto Reduction	Automatically reduce the message to fit onto a single A4 sheet
ECM (Error Correction Mode)	Detects line errors during fax transmission and resend the page (s) (recipient machines must share this feature for it to work)
Fax Forwarding	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 your companies address book hosted on a server like Microsoft® Exchange

Colour Copier

Copy Speed	12ipm mono 9 ipm colour 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)
Resolution (Optical)	Up to 1,200 x 2,400dpi
Resolution (Interpolated)	Up to 19,200 x 19,200dpi[8]
Speed	3.37seconds mono, 3.37 seconds colour (A4, 100dpi)
Grey Scale	256 shades of grey are available for copying or scanning
Twain Compliant	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'	File, E-mail, E-mail Server[5] OCR, Image, USB Flash Memory drive, FTP & Network[4] Cloud Services (Web Connect –Facebook, Google Drive, Flikr, Picassa, Dropbox, Evernote, Onedrive, Box)
Supporting:	JPEG, BMP, PDF, TIFF, PNG – (USB Flash Drive/Media Card – JPEG, PDF (colour) / TIFF, PDF (mono))
Colour Depth	48 bit internal and 24 bit external processing colour scanner

[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]Optional free download from the Brother Solutions Centre http://solutions.brother.com
[6]Must be web connected
[7]For Android devices running Android 1.6 or later and Apple devices running iOS 2.0 or later
[8]Requires Brother software
[9]Maximum 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
[10]Vertical x horizontal

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 Print[6]	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

Direct Photo Printing

PictBridge Connection	Yes
Print From USB Flash Dive	Yes (JPEG) Supporting USB Flash Drives up to 64GB
LCD Photo Enhance	Edit and enhance images before printing
PhotoCapture Centre Compatible With:	Memory Stick Duo: 16Mb-128Mb Memory Stick Pro Duo/micro with adapter: 256MB-32GB Secure Digital: 16MB-2GB (Micro/Mini SD with adapter) Secure Digital High Capacity (SDHC): 4-32GB (Micro/Mini SD 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: DPOF, EXIF DCF
Image format	The following Image formats are supported: 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

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.
Scan to Office	Scan to an editable office document
Easy Scan to Email	Simple direct scan to an email address
Creative Centre	Print content from the Brother Creative Centre
Fax to Cloud	Store incoming Faxes on various cloud storage sites

Paper Handling

Paper Input[2]	Standard Tray – 250 sheets up to A3 Manual Feed Slot – 1 sheet up to A3
Paper Output[2]	Face Up - 50 sheets
Paper Input[2]	ADF – 35 sheets
Rear MP Tray	Upto 80 sheets A4/5 sheets A3, plus single sheet manual feed slot

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
Media Sizes	Standard Tray - Landscape: A4, Letter, EXE Portrait:A3, LGR, A5, A6, Photo 102x152mm, Photo-L 89x127mm, Photo-2L 127x178mm, Indexcard 127x203mm, Com-10, DL Envelope, Monarch, C5. Manual Feed Slot – Landscape: A4, Letter, EXE Portrait: A3, Ledger, Legal, folio, A5, A6, Photo 102x152mm, Photo-L 89x127mm, Photo-2L 127x178mm, Indexcard 127x203mm, C5, Com-10, DL Envelope, Monarch.
Max. Flatbed Paper Input Width / Length	215.9/297mm
Max. ADF Paper Input Width / Length	215.9/355.6mm

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Interface

Local Interface	Hi-Speed USB 2.0 & USB Host
Wired Network Interface	10/100 Base-TX network interface
Wireless Network Interface	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, SNTP Client, POP3, IMAP4, HTTP server
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, SNTP Client, ICMPv6, POP3, IMAP4 HTTP Server
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 Wizard[4]	Easily create print drivers for hassle free deployment over your network

Environment

Power Consumption	Copying: 32W, Ready: 5.5W Sleep Mode: 1.8W, Off: 0.04W
Sound Pressure Level	Operating – Average 50dBA
Ink Save Mode	This enables the printer to consume less energy when not in use
Toner Saving	This reduces the ink usage and helps to reduce the total cost of printer ownership
Energy Star	Yes
Blue Angel	Yes
Nordic Swan	Yes

Supplies

Standard 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]
High Yield Ink Cartridges	Black (LC-228XLBK) 2,400[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	589(W) x 425(D) x 362(H)mm 14.7KG
Without Carton	490 (W) x 345 (D) x 240 (H)mm 11.7KG

Duty Cycles

Recommended Monthly	250 to 1,500 pages monthly print volume
Maximum Monthly[9]	30,300 pages monthly print volume