

## MFC-J650DW

### 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. Printing from, or scanning to, cloud services such as Dropbox, Facebook, Google Drive and Flickr is similarly straightforward. The MFC-J650DW also features 'Brother Apps', offering new innovative ways to print, copy and scan.

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

#### 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 Print<sup>6</sup>, Apple AirPrint and Cortado Workplace<sup>6</sup>

#### 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

## General

<b>Engine</b>	Inkjet
<b>Input Paper Capacity</b>	150 sheets <sup>2</sup>
<b>Output Paper Capacity</b>	50 sheets <sup>2</sup>
<b>Max. Flatbed Paper Input Width / Height</b>	215.9/297mm
<b>LCD Display</b>	6.8 cm colour LCD with touch panel controls
<b>On-Screen Programming</b>	Yes
<b>Memory Capacity</b>	128MB
<b>Simultaneous Operation</b>	Yes
<b>Ink Gauge Indication</b>	Ink levels can easily be displayed on the LCD using the ink management menu
<b>Power Save Button</b>	This model has an On/Off button on the control panel

## Colour Printer

<b>Speed</b>	12ipm mono & 10ipm colour based on ISO/IEC 24734
<b>Speed (Fast Mode)</b>	Up to 33 pages per minute mono & up to 27 pages per minute colour
<b>Warm-up Time</b>	0 seconds
<b>Resolution<sup>7</sup></b>	Up to 6,000 x 1,200dpi
<b>2-Sided Print</b>	Available for the following paper sizes: A4/LTR/EXE/A5
<b>Paper Handling Size</b>	A4, LTR, EXE, A5, A6, Photo(102x152mm), Indexcard(127x203mm), Photo-2L(127x178mm), C5 Envelope, Com-10, DL Envelope, Monarch
<b>Paper Input<sup>2</sup></b>	Standard Tray – 100 sheets up to letter 20 Sheet Photo Paper Tray
<b>Automatic document feeder</b>	ADF – 20 sheets
<b>Paper Output<sup>2</sup></b>	Face Up - 50 sheets
<b>Media Type</b>	Plain / Inkjet / Glossy / Transparency
<b>Media Weight</b>	Paper tray: 64-220g/m <sup>2</sup>
<b>Borderless Printing</b>	Borderless printing is available for A4, LTR, A6, Photo, Indexcard, Photo-2L
<b>Droplet Size</b>	Minimum droplet size of 1.5pl
<b>Colour Enhancement</b>	Brother Image Enhancement allows the user to customise colour output
<b>Printer Driver</b>	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

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

<sup>2</sup>Calculated with 80g/m<sup>2</sup> paper

<sup>3</sup>Windows® & Mac® only

<sup>4</sup>Windows® only

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

<sup>6</sup>Must be web connected

<sup>7</sup>Vertical x horizontal

<sup>8</sup>Requires Brother software

<sup>9</sup>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

## Mobile / Web Based Printing & Scanning

<b>iPrint&amp;Scan (Android)</b>	Print directly from or scan directly to a smart phone or tablet running the Android Operating System
<b>iPrint&amp;Scan (iPad / iPhone / iPod)</b>	Print directly from or scan directly to an iPad / iPhone / iPod
<b>iPrint&amp;Scan (Windows® Phone)</b>	Print files directly from or scan directly to a smart phone running the Windows® Phone 7/8 Operating System
<b>Google Cloud Print<sup>6</sup></b>	Print most common file types from any Google Cloud Print enabled application
<b>Apple AirPrint</b>	Print most common file types from any Apple AirPrint enabled application
<b>Cortado Cloud Print<sup>6</sup></b>	Print most common file types from any smart phone, tablet or PC running Cortado applications that support Cortado Cloud Print

## Colour Copier

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

## Colour Scanner

<b>Technology</b>	CIS (Contact Image Sensor)
<b>Warm-up Time</b>	0 Seconds
<b>Resolution (Optical)</b>	Up to 1,200 x 2,400dpi
<b>Resolution (Interpolated)</b>	Up to 19,200 x 19,200dpi <sup>8</sup>
<b>Speed</b>	3.37 seconds mono & 4.27 seconds colour (A4, 100dpi)
<b>Grey Scale</b>	256 shades of grey are available for copying or scanning
<b>Twain Compliant</b>	This model is TWAIN and WIA compliant for Windows® (WIA is Windows® XP/Vista/7/8 only)
<b>Operating System</b>	Windows® XP/Vista/7/8 & Mac OS v10.6.8/10.7.x/10.8.x, Linux
<b>'Scan To'</b>	Allows the user to scan to E-mail, Image, File, OCR & USB
<b>Supporting:</b>	JPEG, BMP, PDF, TIFF, PNG – (USB Flash Drive/Media Card – JPEG, PDF (colour) / TIFF, PDF (mono))
<b>Colour Depth</b>	This model has a 30bit internal and 24 bit external processing colour scanner

## Interface

<b>Local Interface</b>	Hi-Speed USB 2.0
<b>Wireless Network Interface</b>	This model is supplied with built-in 802.11b/g/n Wireless network interface(Infrastructure Mode/Adhoc Mode)
<b>Network functions</b>	Printing, Scanning, (Network Scanning 2 user PaperPort license supplied as standard)
<b>Network Protocols</b>	TCP/IP IPv4
<b>IPv4</b>	ARP, RARP, BOOTP, DHCP, APIPA(Auto IP), WINS/NetBIOS name resolution, DNS Resolver, mDNS, LLMNR responder, LPR/LPD, Custom Raw Port/Port9100, FTP Server, SNMPv1/v2c, TFTP server, ICMP, Web Services (Print/Scan)
<b>Wireless Setup</b>	Wi-Fi Protected Setup™ (WPS), AirStation OneTouch Secure System™ (AOSS)
<b>Wireless Security</b>	WEP 64/128, WPA-PSK (TKIP&AES), WPA2-PSK (AES)
<b>Operating system</b>	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, 10.8x
<b>Optional user licences</b>	Optional 5 user PaperPort licences are available to purchase (NL-5)

## Network Management Utilities

<b>Embedded Web Server</b>	Yes
<b>BRAdmin Light<sup>3&amp;5</sup></b>	Setup and LAN management software
<b>Driver Deployment Wizard<sup>4</sup></b>	Easily create print drivers for hassle free deployment over your network

## Brother Apps

<b>Office Doc Creator</b>	Converts your scanned document into an editable Microsoft Office document
<b>Outline and Copy</b>	Only copies the area outlined by red pen
<b>Outline and Scan</b>	Only scans the area outlined by red pen
<b>Folding Notes</b>	Create handy folding note papers
<b>Note Scan</b>	Scan and organise notes taken on the folding note papers

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## Supplies

<b>Standard Yield Ink Cartridges</b>	Black (LC-121BK) 300 pages <sup>1</sup> Cyan (LC-121C) 300 pages <sup>1</sup> Magenta (LC-121M) 300 pages <sup>1</sup> Yellow (LC-121Y) 300 pages <sup>1</sup>
<b>High Yield Ink Cartridges</b>	Black (LC-123BK) 600 pages <sup>1</sup> Cyan (LC-123C) 600 pages <sup>1</sup> Magenta (LC-123M) 600 pages <sup>1</sup> Yellow (LC-123Y) 600 pages <sup>1</sup>
<b>Carton Contents</b>	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

<b>With Carton</b>	W478 x D244 x H456mm 10.9kg
<b>Without Carton</b>	W410 x D374 x H180mm 9.2kg

## Duty Cycles

<b>Recommended Monthly</b>	Up to 300 pages monthly print volume
<b>Maximum Monthly<sup>9</sup></b>	1,250 pages monthly print volume

## Environment

<b>Power Consumption</b>	W478 x D244 x H456mm 10.9kg
<b>Sound Pressure Level</b>	W410 x D374 x H180mm 9.2kg
<b>Ink Save Mode</b>	This enables the printer to consume less energy when not in use
<b>Energy Star</b>	Yes
<b>Blue Angel</b>	Blue Angel expected after initial production
<b>Nordic Swan</b>	Yes

## Colour Fax

<b>Fax Modem</b>	14,400bps
<b>PC Fax send &amp; receive<sup>8</sup></b>	Sends & receives faxes direct from / to your PC (Receiving is for Windows <sup>®</sup> only)
<b>Automatic Redial</b>	Automatic redialling if the recipient fax is busy
<b>Telephone Index</b>	An electronic, alphabetical listing of stored speed dials and group numbers
<b>Distinctive Ring Detection</b>	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)
<b>Fax/Tel Switch</b>	Automatic recognition of fax and telephone reception
<b>Super Fine</b>	Enables quality transmission of very small print and line drawings (B&Wonly)
<b>Enhanced Remote Activate</b>	Transfer a fax call, answered on an extension phone, to the fax machine
<b>Memory Transmission</b>	up to 170 pages (ITU-T Test Chart #1/MMR)
<b>Out of Paper Reception</b>	up to 170 pages (ITU-T Test Chart #1/MMR)
<b>Dual Access</b>	Allows the operator to perform 2 different tasks on the machine at the same time (mono only)
<b>Broadcasting</b>	Send the same fax message to up to 50 locations
<b>Auto Reduction</b>	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
<b>ECM (Error Correction Mode)</b>	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
<b>Remote Set-up</b>	Allows the user to set-up the MFC from their PC (Windows <sup>®</sup> & Macintosh)
<b>Grey Scale</b>	256 shades of grey are available for faxing
<b>Address Book Locations</b>	100 Address Book Locations, each location can store 2 fax numbers
<b>Group Dial</b>	A combination of up to 6 groups can be stored for broadcasting
<b>Caller ID</b>	Yes
<b>Delayed Timer</b>	Yes
<b>Polling Type</b>	Yes
<b>Batch Transmission</b>	Yes
<b>Fax Forwarding</b>	Yes
<b>Remote Access</b>	Yes
<b>Fax Retrieval</b>	Yes

## Direct Photo Printing

<b>PhotoCapture Centre Compatible With:</b>	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
<b>Media Format</b>	The following media formats are supported by this model: DPOF, EXIF DCF
<b>Image format</b>	The following image formats are supported by this model: Photo print – JPEG Scan to card – colour: JPEG, PDF mono: TIFF, PDF
<b>Removable Disk Drive</b>	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
<b>PictBridge Connection</b>	Yes
<b>Print From USB Flash Drive</b>	Yes (JPEG) Supporting USB Flash Drives up to 64GB

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