

At your side.
brother[®]

MFC-680CN

Network Colour Inkjet
 Multifunction Printer
 with Fax & Telephone



- Up to 30ppm Mono and 25ppm Colour print speed
- Network ready
- Direct photo printing via camera using PictBridge or via media cards
- Borderless printing at up to 6,000dpi resolution with minimum droplet size of 1.5pl
- Full colour 3.3" wide LCD screen
- Telephone handset and answering machine
- Colour faxing with 80 speed dials
- Up to 10 sheet Automatic Document Feeder for easy faxing, copying and scanning multi-page documents.
- Four individual ink cartridges with fade resistant ink.

MFC-680CN



A stylish communication centre that's surprisingly compact, versatile and easy to use.

This is the must-have multifunction printer for every home office or small office environment. The MFC-680CN can handle all your full colour printing, faxing, copying and scanning needs as well as any standalone machine. It also includes a communication centre, with a fully featured telephone handset and integrated answering machine, so you never miss that important call.



We've given you everything you might need in an office environment in one stylish compact unit. It comes network-ready so its features can be shared with the rest of your team or even the family.



Our customers love the 3.3" wide colour LCD display. It gives them complete control and functions can easily be changed at the touch of a button. This machine means business so we want you to be able to use it to its full potential. That's why we've kept it simple.

Our ink cartridges can be found at the front so you can change them easily, and because we use separate cartridges you only have to replace the colour that runs out, saving you money in the future. Its Automatic Document Feeder makes light work of copying, faxing or scanning multipage documents. There's even a separate plain paper and photo tray giving you optimum results with the minimum of fuss.



The MFC-680CN is also a fantastic photo printer in its own right, producing life-like quality images. You can plug in your digital camera, memory card or USB stick and display your photographs on the LCD screen. What's more, with its PhotoCapture Centre™ you can enhance your photographs, for example remove red eye and change the images landscape or portrait so you get the perfect picture before printing.

The results are stunning and the whole family will want to use it! And with the clever integrated photo paper tray you don't have to worry about changing paper, it's ready every time you want to print your precious memories.

To achieve high quality printing we recommend using Brother's Innobella™ ink and paper technology.



 30ppm MONO	 25ppm COLOUR	 6000dpi	 14.4 KBPS FAX	 1.5 MIN 1.5pl DROPLET SIZE
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Technical Specifications

General

Engine	Inkjet
LCD Display	Wide 3.5" Colour LCD screen
Memory Capacity	32MB
Paper Handling Size	A4, LTR, LGL, EXE, AS, A6, Photo 4 x 6", Index Card, Postcard, Envelope plus additional sizes
Media Type	Plain, Inkjet, Glossy, Transparency
Paper Capacity	Standard paper tray: Up to 100 sheets Photo paper tray: Up to 20 sheets Automatic Document Feeder: Up to 10 sheets Output paper capacity: Up to 50 sheets

Simultaneous Operation

Yes

Colour Printer

Speed	Up to 30ppm mono & 25ppm colour
Resolution	Up to 6,000 x 1,200 (Vertical x Horizontal)
Warm-up Time	0 seconds
Borderless Printing	Available for A4, LTR, A6, Photo 4 x 6", Index Card, Postcard
Colour Enhancement	Brother Image enhancement allows you to customise colour output
Minimum Droplet Size	* 1.5pl (when used with Brother BP61 paper, see Supplies section)

Colour Fax

Mode	14.4kpbs - Approx 6 seconds transmission
Colour	Using the ITU-T-30E Colour Fax Protocol to other compatible fax machines
Data Compression	MH, MR, MMR (Mono), JPEG (Colour)
Automatic Redial	Automatic redial if the recipient fax is busy
Speed Dials	80 locations for pre-stored numbers
Group Dials	Up to 8 groups
Fax / Tel Switch	Automatic recognition of fax and telephone reception
Distinctive Ring Detection	Yes - UK & Denmark only
Super Fine	Enables quality transmission and reception of very small print or line drawings
Grey Scale	256 shades of grey
Memory Transmission	Up to 400 pages (ITU-T Test Chart No 1)
Out of Paper Reception	Up to 400 pages (ITU-T Test Chart No 1)
Broadcasting Locations	Send the same fax message to up to 210 locations
Auto Reduction	Automatically reduces a received fax to fit on to a single A4 sheet
Error Correction Mode	Where machines share the ECM feature, errors during transmission are corrected automatically ensuring received documents are error free

Fax Forwarding (Mono only)

Sends a fax received in memory to another pre-programmed fax number

Remote Access

Allows the user to remotely access their machine by using another touch tone phone
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Fax Retrieval (Mono only)

Allows the user to retrieve fax messages using another touch tone machine

Dual Access

Scan a fax for transmission whilst receiving a fax (Mono only)
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Colour Copier

Speed	Up to 27ppm mono & 20ppm colour
Resolution	Up to 600 x 1,200dpi (colour), 1,200 x 1,200dpi (mono)
Multi copy	Produces up to 99 copies of each original
Enlargement / Reduction Ratio	25% - 400% in 1% increments
N x 1	Compress 2 or 4 pages on to a single sheet
Poster Printing	Enlarge an image to print onto 3 x 3 pages of A4 size (available for A4 only)

Colour Scanner

Resolution	Optical: Up to 600 x 2,400dpi - Interpolated: Up to 19,200 x 19,200dpi
Scan Speed	From 4 seconds Mono & from 6 seconds Colour (A4 size, 100 x 100dpi)
Grey Scale	256 shades of grey
Colour Depth	30bit internal processing colour scanner
Scan Key	Allows the user to scan to E-mail, OCR, Image, File, Card or a USB Flash Memory Drive
	Supporting JPEG, BMP, PDE, TIFF, PNG (USB Flash Memory Drive supports PDF Mono & Colour, JPEG, TIFF).

Telephone & Message Manager

Handset	Supplied with detachable telephone handset
Duplex Speaker Phone	Yes
Message Manager	Electronic messaging facility for faxes and voice mail
ICM (Out Going Message)	Up to 20 seconds
ICM (Incoming Message)	Up to 99 messages depending on length of message. User can set as 30, 60, 120 or 180 seconds

Interface(s)

USB	USB Connectivity (cable not supplied)
Network	Supplied with a built-in 10/100 Base-TX Network interface
USB Direct Interface	Print & Scan directly from/to a USB Flash Memory Drive
Media Card Drive	Print & Scan directly from/to Media Cards. (See Direct Photo Printing section for acceptable Media Cards)
PictBridge	Print directly from a PictBridge enabled Digital Camera

Supplies

Ink cartridges (pages in normal mode @ 5% coverage)	Black: LC1000BK - Approx 500 A4 pages Cyan: LC1000C - Approx 400 A4 pages Magenta: LC1000M - Approx 400 A4 pages Yellow: LC1000Y - Approx 400 A4 pages
Brother Paper	BP61GLP: 4x6" glossy photo paper, 20 sheets BP61GLP: 4x6" glossy photo paper, 50 sheets BP61GLA: A4 glossy photo paper, 20 sheets

Weights & Dimensions

With Carton	940(w) x 293(d) x 451(h) mm / TBD kg
Without Carton	388(w) x 370(d) x 180(h) mm / TBD kg

Direct Photo Printing

PictBridge	Print directly from a PictBridge enabled Digital Camera
USB Direct Interface	Print directly from a USB Flash Memory Drive
PhotoCapture Centre	Compact Flash® (Type 1 only): 4MB - 2GB
Acceptable Media Cards	Memory Stick®: 16MB - 128MB (Duo with Adaptor) Memory Stick Pro®: 256MB - 1GB MultiMediaCard®: 16MB - 1GB Secure Digital®: 16MB - 1GB (Mini SD with Adaptor) Secure Digital High Capacity (SDHC): 4-32GB xD-Picture Card®: 16MB - 512MB xD-Picture Card® Type M: 256MB - 1GB xD-Picture Card® Type H: 256MB - 1GB
Media Card Drive	Save & retrieve files using any of the above listed media cards through the network
Network Media Card Drive	Save & retrieve files using any of the above listed media cards through the network
Image Format	Photo Print: JPEG Scan to Card: JPEG, PDF (colour), TIFF, PDF (mono)

Software

Driver Software Included	Brother MFL-Pro Suite
Windows®	Brother ControlCentre2, ScanSoft® Paperport® 11 SE with OCR
Macintosh®	Brother ControlCentre2, NewSoft® Presto™ PageManager7
Realtek® FaceFilter	A simple and easy to use photo editor that enables you to fine-tune your Studio Software photos to print perfect, professional looking photos with or without borders.



Brother inkjet printing products come with 12 months on-site warranty, upon registration.



To achieve high quality, fade resistant photo printing using Brother's 1.5pl printing technology, Brother recommends LC1000 cartridges and BP61 photo printing paper.



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At your side.
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