

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



28ppm
COLOUR



6000dpi



14.4
KBPS
FAX



1.5
MIN 1.5pl
DROPLET
SIZE

Technical Specifications

General		Telephone & Message Manager	
Engine	Inkjet	Handset	Supplied with detachable telephone handset
LCD Display	Wide 3.3" Colour LCD screen	Duplex Speaker Phone	Yes
Memory Capacity	32MB	Message Manager	Electronic messaging facility for faxes and voice mail
Paper Handling Size	A4, LTR, LGL, EKE, A5, A6, Photo 4 x 6", Index Card, Postcard, Envelope plus additional sizes	OGM (Out Going Message)	Up to 20 seconds
Media Type	Plain, Inkjet, Glossy, Transparency	ICM (Incoming Message)	Up to 99 messages depending on length of message. User can set as 30, 60, 120 or 180 seconds
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		Interface(s)	
Speed	Up to 30ppm mono & 25ppm colour	USB	USB Connectivity (cable not supplied)
Resolution	Up to 6,000 x 1,200 (Vertical x Horizontal) 0 seconds	Network	Print & Scan directly from/to a USB Flash Memory Drive
Warm-up Time	Available for A4, LTR, A6, Photo 4 x 6", Index Card, Postcard	USB Direct Interface	Print & Scan directly from/to Media Cards. (See Direct Photo Printing section for acceptable Media Cards)
Borderless Printing	Brother Image enhancement allows you to customise colour output	Media Card Drive	Print directly from a PictBridge enabled Digital Camera
Colour Enhancement	* 1.5pl (when used with Brother BP61 paper, see Supplies section)		
Minimum Droplet Size			
Colour Fax		Supplies	
Modern Colour	14.4kpbs - Approx 6 seconds transmission	Ink cartridges	Black: LC1000BK - Approx 500 A4 pages Cyan: LC1000C - Approx 400 A4 pages Magenta: LC1000M - Approx 400 A4 pages Yellow: LC1000Y - Approx 400 A4 pages
Data Compression	Using the ITU-T.30E Colour Fax Protocol to other compatible fax machines	(pages in normal mode @ 5% coverage)	BP61 GLP - 4x6" glossy photo paper, 20 sheets BP61 GLP - 4x6" glossy photo paper, 50 sheets BP61 GLA - A4 glossy photo paper, 20 sheets
Automatic Redial	MH, MR, MWR (Mono), JPEC (Colour)	Brother Paper	
Speed Dials	Automatic redial if the recipient fax is busy		
Group Dials	80 locations for pre-stored numbers		
Fax / Tel Switch	Up to 6 groups		
Distinctive Ring Detection	Automatic recognition of fax and telephone reception		
Super Fine	Yes - UK & Denmark only		
Grey Scale	Enables quality transmission and reception of very small print or line drawings		
Memory Transmission	256 shades of grey		
Out of Paper Reception	Up to 400 pages (ITU-T Test Chart No 1)		
Broadcasting Locations	Up to 400 pages (ITU-T Test Chart No 1)		
Auto Reduction	Send the same fax message to up to 210 locations		
Error Correction Mode	Automatically reduces a received fax to fit onto a single A4 sheet		
	Where machines share the ECM feature, errors during transmission are corrected automatically ensuring received documents are error free		
	Sends a fax received in memory to another pre-programmed fax number		
Fax Forwarding (Mono only)	Allows the user to remotely access their machine by using another touch tone phone		
Remote Access	Allows the user to retrieve fax messages using another touch tone machine		
Fax Retrieval (Mono only)	Scan a fax for transmission whilst receiving a fax (Mono only)		
Dual Access			
Colour Copier		Weights & Dimensions	
Speed	Up to 22ppm mono & 20ppm colour	With Carton	540(W) x 253(D) x 451(H) mm / 17BD kg
Resolution	Up to 600 x 1,200dpi (colour), 1,200 x 1,200dpi (mono)	Without Carton	398(W) x 370(D) x 180(H) mm / 17BDkg
Multi copy	Produces up to 99 copies of each original		
Enlargement / Reduction Ratio	25% - 400% in 1% increments		
N in 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		Direct Photo Printing	
Resolution	Optical: Up to 600 x 2,400dpi - Interpolated: Up to 19,200 x 19,200dpi	PictBridge	Print directly from a PictBridge enabled Digital Camera
Scan Speed	From 4 seconds Mono & from 6 seconds Colour (A4 size, 100 x 100dpi)	USB Direct Interface	Print directly from a USB Flash Memory Drive
Grey Scale	256 shades of grey	PhotoCapture Centre™	Compact Flash™ (Type 1 only): 4MB - 2GB
Colour Depth	36bit internal processing colour scanner	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
Scan Key	Allows the user to scan to E-mail, OCR, Image, File, Card or a USB Flash Memory Drive	Media Card Drive	Save & retrieve files using any of the above listed media cards
	Supporting: JPEG, BMP, PDF, TIFF, PNG (USB Flash Memory Drive supports PDF Mono & Colour, JPEG, TIFF).	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 Windows® Macintosh® Realistair™ FaceFilter
			Brother MFL-Pro Suite Brother ControlCentre3, ScanSoft® Paperport® 11 SE with OCR Brother ControlCentre2, NewSoft® Presta® PageManager7 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.



Contact:

At your side.
brother®



Brother UK Ltd.,
Audenshaw, Manchester M34 5JD
Tel: 0870 830 4000 (National rate call) Fax: 0870 830 4031
Web-site: www.brother.co.uk

All specifications correct at time of printing. Brother is a registered trademark of Brother Industries Ltd. Brand product names are registered trademarks or trademarks of their respective companies.