

# MFC-5890CN

## Technical Specifications



<b>GENERAL</b>	
Printing Technology	Inkjet
Display	Wide 3.3" Colour LCD Display
Memory Capacity	64MB
Interfaces	Hi-speed USB 2.0 / USB Direct <sup>1</sup> / PictBridge <sup>TM</sup> / Media Cards
Network	Built-in Fast Ethernet 10/100 Base-TX
Network Functionality	Print, Scan, PC Fax and PhotoCapture Centre <sup>TM</sup>
Protocols	TCP / IP (IPv4 & IPv6)
Secure Function Lock	Restricts functions on the machine, such as fax or copying, to selected users
<b>COLOUR PRINTING</b>	
Print Speed	Up to 35 ppm (Monochrome) & 28 ppm (Colour)
Print Resolution	Up to 1,200 x 6,000 dpi
Borderless Printing	Available for A3, A4, B4, LGR, LTR, A6, Photo 4x6", Index Card, Photo-L, Photo-2L, Post Card 1
Colour Enhancement	Brother image enhancement allows you to customise colour output
Minimum Droplet Size	1.5pl <sup>2</sup> (picolitres)
<b>COLOUR FAXING</b>	
Modem Speed	33.6Kbps Super G3
Best Transmit Speed	Approximately 3 seconds
Data Compression	MH, MR, MMR (Monochrome), JPEG (Colour)
Fax / Tel Switch	Automatic recognition of fax and telephone reception
One-Touch Dials	6 locations
Speed Dials	80 locations for pre-stored numbers
Group Dials	Up to 6 groups
Automatic Redial	Automatic redial if the recipient fax is busy
Memory Transmission	Up to 400 pages <sup>3</sup>
Out-of-Paper Reception	Up to 400 pages <sup>3</sup>
Broadcasting Locations	Send the same fax message to up to 216 locations
Auto Reduction	Automatically reduces a received fax to fit onto a single sheet of A4
ECM (Error Correction Mode)	Yes
Fax Forwarding	Yes (Monochrome only)
Fax Retrieval	Yes (Monochrome only)
Dual Access	Scan a fax for transmission while receiving a fax (Monochrome only)
Internet Fax (I-Fax)	Fax documents anywhere in the world over the Internet and without the use of a telephone line
<b>COLOUR COPYING</b>	
Copy Speed	Up to 23 cpm (Monochrome) & 20 cpm (Colour)
Copy Resolution	Up to 1,200 x 1,200 dpi (Monochrome) Up to 1,200 x 1,200 dpi (Colour)
Multi-copy	Produces up to 99 copies of each original
Enlargement / Reduction Ratio	25% - 400% in 1% increments
N-in-1	Reduce 2 or 4 pages onto a single sheet
Poster Printing	Enlarge an image to print onto 3 x 3 & 2 x 2 pages
Copy Enhancement	Book copy (Shadow Correction & Skew Adjustment for book) & watermark copy
<b>COLOUR SCANNING</b>	
Colour and Monochrome Scanning	Yes
Scanning Resolution	Optical Up to 1,200 x 2,400 dpi Interpolated Up to 19,200 x 19,200 dpi
Scan Speed	From 4 seconds (Monochrome) & from 5 seconds (Colour) (A4 size, 100 x 100dpi)
Greyscale	256 shades of grey
Colour Depth	48 / 24-bit colour processing
"Scan" key	Allows the user to scan to E-mail, OCR, image, file, card or a USB flash memory drive, FTP, E-mail Server. Supporting: JPEG, PDF, TIFF
<b>PC FAXING</b>	
Sending	Yes, available for Windows <sup>®</sup> and Macintosh <sup>®</sup>
Receiving	Yes, available for Windows <sup>®</sup> only
<b>PAPER HANDLING</b>	
Paper Input	150 sheets standard paper tray 50 sheets Automatic Document Feeder (ADF)
Paper Output	50 sheets
Paper Handling Sizes	A3, A4, LGR, LTR, LGL, EXE, JISB4, JISB5, A5, A6, Photo 4x6" (102x152mm), Index Card (127x203mm), Photo-L (89x127mm), Photo-2L (127x178mm), Post Card 1 (100x148mm), Post Card 2 (148x200mm), C5 Envelope, Com-10, DL Envelope, Monarch, JE4 Envelope
Media Type	Plain, inkjet, glossy, transparency
<b>DIRECT PHOTO PRINTING</b>	
PictBridge <sup>TM</sup>	Print directly from a PictBridge <sup>TM</sup> enabled digital camera
USB Direct Interface	Print directly from a USB flash memory drive

<b>PhotoCapture Centre<sup>TM</sup> (Acceptable Media Cards)</b>	
Compact Flash:	4MB - 8GB (Type1 only, Type2 & Microdrive are not compatible)
Memory Stick <sup>TM</sup> :	16MB - 128MB (Memory Stick Duo <sup>TM</sup> with Adapter)
Memory Stick Pro <sup>TM</sup> :	256MB - 8GB (MagicGate: Yes if not using MG function)
Secure Digital:	16MB - 2GB (MiniSD with Adapter)
Secure Digital High Capacity (SDHC):	4 - 8GB
xD Picture Card:	16MB - 512MB
xD Picture Card Type M / Type M+ / Type H:	256MB - 2GB
Media Card Drive	Save and retrieve files using any of the above listed media cards
Network Media Card Drive	Save and 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 (Monochrome)
Others	Monochrome / Sepia, Trimming, Slide Show, Date Search & Photo Enhance
<b>SOFTWARE</b>	
Driver Software Included	Brother MFL-Pro Suite
Windows <sup>®</sup>	Brother ControlCentre3, ScanSoft <sup>TM</sup> Paperport <sup>TM</sup> 11 SE with OCR
Macintosh <sup>®</sup>	Brother ControlCentre2, NewSoft Presto <sup>®</sup> PageManager <sup>®</sup>
Reallusion FaceFilter Studio Software	A simple and easy to use photo editor that enables you to fine-tune your photos to print perfect, professional-looking photos with or without borders
Supported Operating System	Windows Vista <sup>®</sup> / Windows <sup>®</sup> XP Professional (32 & 64 bit editions) / XP Home Edition / Windows <sup>®</sup> 2000 Professional (SP4) / Mac OS <sup>®</sup> X 10.2.4 or greater
<b>CONSUMABLES</b>	
Innobella <sup>TM</sup> High-Yield Ink Cartridges <sup>4</sup> (bundled)	LC-67HYBK Black: up to 900 pages
	LC-67HY C / M / Y Cyan / Magenta / Yellow: up to 750 pages each
Innobella <sup>TM</sup> Standard-Yield Ink Cartridges <sup>4</sup>	LC-67BK Black: up to 450 pages
	LC-67 C / M / Y Cyan / Magenta / Yellow: Up to 325 pages each
Brother Paper	BP71GA3 Innobella <sup>TM</sup> A3 Glossy Photo Paper (20 sheets)
	BP71GA4 Innobella <sup>TM</sup> A4 Glossy Photo Paper (20 sheets)
	BP71GP20 Innobella <sup>TM</sup> 4x6 Glossy Photo Paper (20 sheets)
	B60MA3 A3 Matte Inkjet Paper (25 sheets)
	B60PA3 A3 Plain Inkjet Paper (250 sheets)
	BP60MA A4 Matte Inkjet Paper (25 sheets) BP60PA A4 Plain Inkjet Paper (250 sheets)
<b>DIMENSIONS &amp; WEIGHT</b>	
With Carton	597(W) x 541(D) x 380(H)mm / 15.7kg
Without Carton	485(W) x 408(D) x 242(H)mm / 10.9kg

- 1 Print & scan directly from / to a USB flash memory drive (supports up to 8GB). Brother does not guarantee the compatibility of all brands of USB flash memory drives.
- 2 When used with Brother BP71 photo paper - see Consumables section
- 3 ITU-T Test Chart #1 / MMR
- 4 Approximate page yields in accordance with ISO 24711. The supplied ink will be lesser due to initial purging.

For more information regarding system requirements, please visit <http://solutions.brother.com>



Brother strongly recommends the use of genuine Brother consumable products only. Benefits include better quality prints, greater yields per consumable, protection of your machine from damages and achievement of optimum performance. As a precaution, please note that your machine warranty may not cover any damages arising from the use of non-genuine consumables.

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# MFC-5890CN

6-in-1 Network-ready Colour Inkjet  
Multi-Function Centre with A3 Printer

Print / Fax / Copy / Scan / PC Fax / Direct Print

The World's First  
A3 Inkjet MFC



Professional Series  
MULTI-FUNCTION CENTRE

Network-ready All-in-one Office Companion with  
A3 Print Capabilities and 3.3" Wide Colour LCD







## Outstanding Performance All Round

Businesses today need all the help they can get in the office. That's what our new Professional Series is designed to do. The MFC-5890CN is an all round office companion that houses different functions to help you do more within a single and cost-effective unit. These include printing, faxing, copying, and scanning, plus an array of other resource-saving productivity tools. With this compact office solution – suited also for a network environment – not only are your core processes centralised for greater

convenience, you also maximise resources by allowing key functionalities to be shared among different users connected to the network.

Additionally, you can print materials up to A3, giving greater impact to your printouts and making them much easier to read. Create impressive business documents like reports, presentations, spreadsheets, proposals, and more with Brother at your side.

### Fast & Professional Printouts Up to A3



With fast print speeds of up to 35 pages (monochrome) and 28 pages (colour) per minute, charts, diagrams, and documents are generated quickly, whether they are printed in black and white or full colour.



What's more – when the Multi-Function Centre (MFC) is used with Brother's specially formulated Innobella™ Ink and Photo Paper, it operates optimally to eject ink droplets of just 1.5 picolitres (pl) in size, giving the printout incredibly high resolution and smooth gradations. This can all be achieved for various paper sizes, up to A3 borderless.

Print your marketing collaterals in-house to save costs or dazzle your clients with full-sized printouts with absolutely no compromise on quality.

### Ease of Use



With a wide full colour 3.3" LCD screen, operating the machine is a breeze. You can easily access copy and scan settings and even preview faxes or edit your photos without the use of a PC.

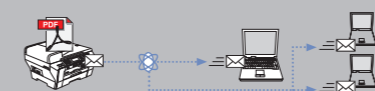


MFC-5890CN possesses a large 150-sheet paper tray that increases efficiency and reduces user intervention. The 50-page Automatic Document Feeder (ADF) allows efficient, unattended copying, scanning, and faxing of multi-page documents at the touch of a button.

### Versatile Multi-functionality

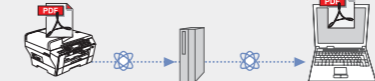
#### Scan to E-mail

Scan documents straight to your default E-mail application as attachments



#### Scan to FTP

Scan and upload documents and images to an FTP server



#### Scan to File

Scan and save documents directly as a soft copy eg. PDF and JPEG



Besides being an all-in-one machine that is a combination of a printer, fax, copier, and scanner, the MFC-5890CN extends these functions with additional productivity tools to make it a true Multi-Function Centre. For example, its unique PC Fax receiving feature lets you receive faxes in soft copy even when the PC is turned off, while the Super G3 Fax allows transmissions in approximately 3 seconds. Its versatile scanning applications allow you to scan directly to E-mail, Optical Character Recognition (OCR), image, file, card or USB flash memory drive for added versatility.

### Multiple Connectivity



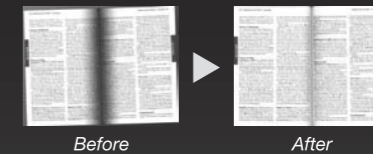
In addition to the various connectivity options that let you print directly from, and scan to, various multimedia cards and USB flash memory drives, you can also print from a camera without having to switch on your computer. An assortment of commonly used card slots and a cable port make connectivity fuss-free.

### Networking Options



Share the MFC-5890CN's powerful features like scan and PC Fax. Access media cards or USB flash memory drives over your wired network. Further, scanning can also be done directly to FTP or E-mail server in order to save time and paper.

### Perfect Copies Every Time



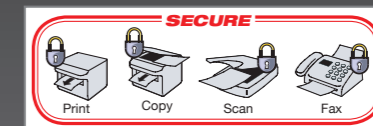
A copy enhancement feature lets you eliminate shadows, add a watermark, and even adjust skewed documents for perfect copies every time.

### Colour Optimisation



An exclusive Brother process called True2life® accurately optimises your colour prints with the original colours captured on your camera for the truest colours possible.

### Security



Secure Function Lock

A Secure Function Lock feature allows an administrator to restrict user access to print, fax, copy, scan or PC Fax with a 4-digit PIN code for greater security and control.

### Value for Money



Brother's 4-cartridge ink system allows you to only replace the colour that has run out. Additionally, the included high-yield Innobella™ ink cartridges are cost-effective and provide twice the page yield of standard ones so you can print up to 900 pages in monochrome and 750 pages in colour.