

MFC-790CW

Technical Specifications



GENERAL	
Printing Technology	Inkjet
Display	Wide 4.2" Colour Touchscreen LCD Display
Memory Capacity	48MB
Interfaces	Hi-speed USB 2.0 / USB Direct ¹ / PictBridge™ / Media Cards
Network	Built-in Fast Ethernet 10/100 Base-TX
Wireless Interface	Built-in Wireless 802.11b/g
Network Functionality	Print, Scan, PC-Fax and PhotoCapture Centre™
Protocols	TCP / IP (IPv4)
Wireless Setup	Secure Easy Setup™ (SES), Wi-Fi® Protected Setup™ (WPS), AirStation OneTouch Secure System™ (AOSS)
COLOUR PRINTING	
Print Speed	Up to 33 ppm (Monochrome) & 27 ppm (Colour)
Print Resolution	Up to 1,200 x 6,000 dpi
Borderless Printing	Available for A4, 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 ² (picolitres)
COLOUR FAXING	
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
Speed Dials	100 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 ³
Out-of-Paper Reception	Up to 400 pages ³
Broadcasting Locations	Send the same fax message to up to 250 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)
COLOUR COPYING	
Copy Speed	Up to 22 cpm (Monochrome) & 20 cpm (Colour)
Copy Resolution	Up to 1,200 x 1,200 dpi (Monochrome) Up to 600 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 pages of A4 size (available for A4 only)
Copy Enhancement	Book Copying (Shadow Correction & Skew Adjustment) & Watermark Copying
COLOUR SCANNING	
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	36 / 24-bit colour processing
"Scan" key	Allows the user to scan to E-mail, OCR, image, file, card or a USB flash memory drive. Supporting: JPEG, PDF, TIFF
PC-FAXING	
Sending	Yes, available for Windows® and Macintosh®
Receiving	Yes, available for Windows® only
DIGITAL COMMUNICATION CENTRE	
Handset	Supplied with detachable handset
Duplex Speaker Phone	Yes
Message Manager	Electronic messaging facility for faxes and voice mail
PAPER HANDLING	
Paper Input	100 sheets standard paper tray 15 sheets Automatic Document Feeder (ADF)
Paper Output	50 sheets

Paper Handling Sizes	A4, LTR, LGL, EXE, JISBs, 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
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™ (Acceptable Media Cards)	Compact Flash: 4MB - 8GB (Type1 only, Type2 & Microdrive are not compatible) Memory Stick™: 16MB - 128MB (Memory Stick Duo™ with Adapter) Memory Stick Pro™: 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 through the network
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)
SOFTWARE	
Driver Software Included	Brother MFL-Pro Suite
Windows®	Brother ControlCentre3, ScanSoft® Paperport™ 11 SE with OCR
Macintosh®	Brother ControlCentre3, NewSoft Presto!® PageManager®
Realization 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® / Windows® XP Professional (32 & 64 bit editions) / XP Home Edition / Windows® 2000 Professional (SP4) / Mac OS® X 10.2.4 or greater
CONSUMABLES	
Innobella™ Ink Cartridges ⁴	LC-67BK Black: up to 450 pages LC-67 C / M / Y Cyan / Magenta / Yellow: up to 325 pages each
Brother Paper	BP71GA4 Innobella™ A4 Glossy Photo Paper (20 sheets) BP71GP20 Innobella™ A4 Glossy Photo Paper (20 sheets) BP60MA A4 Matte Inkjet Paper (25 sheets) BP60PA A4 Plain Inkjet Paper (250 sheets)

- DIMENSIONS & WEIGHT**
- With Carton 556(W) x 460(D) x 253(H)mm / 12.4kg
Without Carton 460(W) x 375(D) x 189(H)mm / 8.5kg
- 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.
 - When used with Brother BP71 photo paper - see Consumables section
 - ITU-T Test Chart No 1
 - 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.



MFC-790CW

6-in-1 Wireless Colour Inkjet Multi-Function Centre with Fax

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



Wireless-capable Office Multi-Function Centre with Handset and 4.2" Touchscreen Colour LCD

- Print Speed - 33ppm (Mono) 27ppm (Colour)
- Super G3 Fax
- Colour Copy
- Colour Scan
- 1,200 x 6,000 dpi Print Resolution
- Handset
- Direct Photo Print
- Wide 4.2" Touchscreen LCD
- Automatic Document Feeder
- Wireless

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6-in-1 Wireless Colour Inkjet Multi-Function Centre with Fax Print / Fax / Copy / Scan / PC Fax / Direct Print

Wireless and Wired Networking for Multiple Users



Share the MFC-790CW among several users in your home or across a small office with the built-in wireless (802.11 b/g) and wired network connections that support multiple users. It's easy to set up and safe to use thanks to the Secure Easy Setup (SES) software. With this, anyone within your network can have the freedom of printing and scanning directly from their PC. Wired or wireless, the MFC-790CW connects you the way you want.



Ease of Use



With a wide full colour 4.2" touchscreen LCD, operating the machine is now a breeze. Easily access copy and scan settings and even preview or edit your photos without the

use of a PC, all with the touch of a button. Its 15-page Automatic Document Feeder (ADF) means you don't have to scan or copy documents page by page, lightening your workload significantly.

What's more, skin tones, blemishes and red eyes can be corrected directly on the MFC for perfect pictures every time with the bundled FaceFilter software.

PC-free Photo Printing



Printing borderless photos is quick and easy too. You can print directly from your digital camera using the PictBridge™ interface, or directly from media cards. Additionally, you can also print directly from, or scan directly to, a USB flash memory drive.

Versatile and Easy-to-use Multi-Function Centre for busy SOHOs

For the busy SOHO that demands an efficient and cost-effective all-in-one machine, the MFC-790CW is the perfect choice. With a range of advanced features including a 4.2" touchscreen LCD and an integrated handset, this machine is designed to streamline and improve every work process.



Professional Print Quality



Although it boasts a fast print speed of up to 33ppm for monochrome and 27ppm for colour, your printouts will always look professional with sharp text and true-to-life colours. Specially formulated Innobella™ Ink and Photo Paper plus an impressive print resolution of up to 1,200 x 6,000 dpi makes this possible. Additionally, an exclusive Brother process called True2life® accurately optimises your colour prints with the original colours captured on your camera for the truest colours possible.

Increase Your Savings



With Brother's 4-cartridge ink system, you can lower your running costs by replacing only the colour cartridge that has run out. This means a more efficient use of ink and increased cost savings.

Digital Communication Centre



The MFC-790CW features office style digital communications capabilities including a stylish handset. It acts as a Digital Message Centre with an answering machine that can store up to 20 seconds of user outgoing messages and up to 99 incoming messages.

Efficient All-in-one Solution

The MFC-790CW's high-speed USB interface helps get your office tasks done swiftly. A Super G3 fax modem transmits faxes in approximately 3 seconds while the fax application with junk fax filter eliminates the printing of unnecessary faxes. This unique PC Fax receiving feature also allows you to receive faxes in softcopy even with the PC turned off! With network PC Faxing, you can send and receive softcopy faxes through a network. Versatile scanning applications also allow you to scan to e-mail, OCR, and more in a variety of formats including JPEG, TIFF and PDF.