

FLATBED MULTI-FUNCTION CENTER[®]
MFC

MFC-820cw

Color Multi-Function Center[®]

Fax • Printer • Copier • Scanner • PC Fax • PhotoCapture Center[®]



At your side.[™]
brother[®]



Technical Specifications

MFC-820CW

Print	Printing Method	4-Cartridge Color Inkjet
	Maximum Print Speed	Up to 20 ppm mono / 15 ppm color
	Print Resolution	Up to 6000 x 1200 dpi*
	Standard Interface(s)†	USB [‡] , Wireless 802.11b/g and Ethernet
	Paper Input Capacity	Up to 100 sheets
	Compatibility▲	Windows®, Mac®
	Color Enhancement	True2Life®
	Borderless Printing	Yes
Fax	Modem Speed / Best Transmit Speed*	14.4K bps / 6 sec.
	Stand-alone Color or B/W Faxing	Yes
	Auto Document Feed Capacity	Up to 10 pages
	Standard Memory Capacity (max. pgs.)*	16MB (480)
	Broadcasting (# of locations)†	Up to 130
	Quick Scan*	Approx. 4.72 sec. / page
	Remote Retrieval‡	Yes
	Fax Forwarding* & Paging	Yes
	Dual Access‡	Yes
	Paper Capacity (std. max. pgs.)	100 sheets
	One Touch / Speed Dial Locations	0 / 80
Fax Compatibility	ITU-T Group 3	
PC Fax Software▲	Send / Receive	
Copy	Stand-alone Color or B/W Copying	Color Flatbed
	Copy Speed	Up to 17 cpm black / 11 cpm color
	Copy Resolution (max. dpi)	1200 x 600 dpi*
	Multi-copying	Up to 99
	Sorting Function	Yes
	Reduction / Enlargement	25% - 400% in 1% increments
	Maximum Original Document Size	8.5" x 11.7" (glass) / 8.5" x 14" (ADF)
	Scan	Color & B/W Scanning
Optical Resolution (max. dpi)		600 x 2400 dpi
Interpolated Resolution (max. dpi)		19,200 dpi
Internal Color Bit Depth		36-bit
Document Viewer / OCR Software		Windows®: ScanSoft® PaperPort® SE with OCR Mac®: Presto!® PageManager®
Photo-Capture Center®	Accepted Media*	CompactFlash®, SmartMedia®, xD-Picture Card™ Conventional, xD-Picture Card™ Type M, Memory Stick®, Memory Stick Pro™, MultiMediaCard™ and Secure Digital™ media cards
	Index Sheet Printing	Yes
	Direct Print Size	5x3.5, 6x4, 7x5, 8x6, 4x3
	Image Format	Photo: JPEG
	Scan to Card	Format: JPEG/PDF(Color) TIFF/PDF(Mono)
	Removable Disk Drive	Yes
	Media Formats	DPOF, Exif, DCF
Network	Built-in Network Interface‡	Yes (Ethernet, Wireless 802.11b/g)
	Wireless Security	SSID / ESSID; WEP – 64bit & 128bit; WPA / PSK (TKIP)
	SecureEasySetup™	Yes (simple setup with your SecureEasySetup™-capable router)
	Network Printing	Yes
	Network Scanning▲	Yes
	Network PC Fax▲	Yes
Network PhotoCapture Center®	Yes	
Other	LCD Size	2.5" Color LCD
	Unit Dimensions (WxDxH")	17.3" x 17.8" x 6.5"
	Carton Dimensions (WxDxH")	21.7" x 8.9" x 17.7"
	Unit Weight / Carton Weight (lbs.)	13.4 lbs / 17.6 lbs.
	UPC Code	0 12502 61402 9

COLOR MFC



MFC-820CW

The all-in-one space-saving answer for your home or home office.

Complete with a 2.5" flip-up Color LCD and a wireless 802.11b/g interface, the MFC820cw is ready for you to put it to work. Use the color LCD to preview the images from your digital camera media card and then print the images. It also offers easy to use menus. Print resolutions up to 6000 x 1200 dpi.*

Key Features at a Glance:

- 2.5" flip-up color LCD display
- Preview photos and faxes on the LCD before printing
- Color inkjet printing, faxing, scanning, copying, and PC fax sending / receiving▲
- Up to 20ppm black, 15ppm color
- Photo-quality printing up to 6000 x 1200 dpi* on glossy paper
- No PC required for faxing, copying and printing digital photos
- PhotoCapture Center® feature to transfer images to your computer or print images directly from digital camera media cards*
- 16MB memory (up to 480 pages*)
- Up to 10-page automatic document feeder
- Supports multiple computers on a wired or wireless 802.11b/g network for printing, scanning, PC fax and network access to the PhotoCapture Center® feature▲
- 4-cartridge ink system



Wireless Network-Ready!
BUILT-IN 802.11b/g and Ethernet connectivity



Connect with a wired or wireless network or directly to your wireless computer.

Minimum System Requirements and Supported PC Software Functions

Computer Platform & Operating System Version	Supported PC Software Functions	PC Interface	Minimum Processor	Minimum RAM	Recommended RAM	Available Hard Disk Space	
						for Drivers	for Applications
Windows® Operating System ¹	98, 98SE	USB 2.0 10/100 BASE-TX Wireless 802.11b/g ²	Intel® Pentium® II or equivalent	32MB	64MB	90MB	130MB
	Me						
	2000 Professional						
	XP Home XP Professional						
XP Professional x64 Edition	Printing, PC Fax ⁴ , Scanning, Removable Disk	AMD Opteron™ AMD Athlon™64 Intel® Xeon™ with Intel® EM64T Intel® Pentium® 4 with Intel® EM64T	256MB	512MB	150MB	220MB	
Mac® Operating Systems	OS 9.1-9.2	Printing, PC Fax ⁴ , Scanning, Removable Disk	All base models meet minimum requirements		64MB	80MB	200MB
	OS X 10.2.4 or greater		128MB	160MB			

¹ Wireless 802.11b/g is not available for Mac OS® 9.1-9.2.
² PC Fax supports black and white faxing only.
³ Dedicated Scan to key and network scanning not available for Mac OS® 9.1-9.2.
⁴ PC Fax send only for Mac® users.

To download the latest drivers, access www.brother.com

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Optional Supplies and Accessories¹

LC41BK (500 pages)**:	Standard Yield Black Ink Cartridge
LC41Y (400 pages)**:	Yellow Ink Cartridge
LC41M (400 pages)**:	Magenta Ink Cartridge
LC41C (400 pages)**:	Cyan Ink Cartridge
BP60 PL:	Brother Inkjet Plain Paper
BP60 ML:	Brother Matte Inkjet Paper
BP60 GLL:	Brother Glossy Photo Paper

* Resolutions are listed vertical x horizontal
* Based on Brother No. 1 Chart at standard resolution with MMR coding
† Requires additional purchase
** Based on 5% coverage of letter size paper

■ Cables not included
▲ See system requirements chart
‡ Black and white only
‡ Media cards not included
□ Compatible with USB 2.0 specification



For more information please visit our Web site at www.brother.com

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