

MFC-8420 / MFC-8820D / MFC-8820DN



Key Features at a Glance

MFC-8420

- Up to 17ppm print speed
- 2400 x 600 print resolution
- 5-line LCD display for fast setting and feature access
- Flatbed design for easy copying, faxing, and scanning of bound documents
- 32MB (600 pages*) memory
- 250-sheet paper tray (optional second 250-sheet tray available)¹
- 33.6K bps fax
- Up to 9600 x 9600 dpi color scanner with full OCR support
- Legal-size scanning area
- 50-sheet auto document feeder
- Mac® and Windows® compatible
- USB and Parallel interfaces
- Emulations PCL6, BR-Script 3 (Equivalent of PostScript® Level 3)



MFC-8820D

Includes the features of MFC-8420 plus...

- Built-in auto duplex in fax receive, copy output, and print modes⁴
- 50-sheet multi-purpose tray for envelopes, letterhead, card stock⁴



MFC-8820DN

Includes all of the above mentioned features plus...

- Built-in NC-9100h Internal Network board⁵



		Technical Specifications	
		MFC-8420	MFC-8820D/DN
Fax	Modem Speed/Best Transmit Speed*	33.6K bps / 2 sec.	33.6K bps / 2 sec.
	Color or B/W Faxing	B/W	B/W
	Auto Document Feed Capacity	50 Pages	50 Pages
	Paper Capacity (Std./Max. Pgs.)	250/500 Sheets	300/550 Sheets
	Paper Size(s)	Letter, Legal, A4, B5, A5, B6, A6, EXE	Letter, Legal, A4, B5, A5, B6, A6, EXE
	Standard Memory Capacity (Max. Pgs.)*	32MB (600)	32MB (600)
	Broadcasting (# of Locations)	Yes (up to 390)	Yes (up to 390)
	Quick Scan (Seconds/Page)*	Yes (2 sec.)	Yes (2 sec.)
	Remote Retrieval	Yes	Yes
	Fax Forwarding/Paging	Yes / Yes	Yes / Yes
Dual Access	Yes	Yes	
One Touch/Speed Dial Locations	40/300	40/300	
Fax Compatibility	ITU-T Super G3	ITU-T Super G3	
Coding Method(s)	MH/MR/MMR/JBIG	MH/MR/MMR/JBIG	
Print	Printing Method	Electrophotography/Laser	Electrophotography/Laser
	Print Speed (Max. ppm)	17ppm	17ppm
	Print Resolution (Max. dpi)	HQ1200 (2400 x 600)	HQ1200 (2400 x 600)
	Duplex Printing	No	Yes
	Parallel & USB Interface	Yes	Yes
	Ethernet Interface	Optional	Optional on MFC-8820D Standard on MFC-8820DN
	Windows® Compatibility	95/98/98SE, Me, NT® 4.0, 2000, XP	95/98/98SE, Me, NT® 4.0, 2000, XP
	Emulation(s)	PCL6, BR-S3 ⁵	PCL6, BR-S3 ⁵
	Mac® Compatibility	OS 8.6-9.2 ⁴ , OS X 10.1/10.2.1 or greater ⁴	OS 8.6-9.2 ⁴ , OS X 10.1/10.2.1 or greater ⁴
	Copy	Color or B/W Copying	B/W Flatbed
Copy Resolution (Max. dpi)		600 dpi Class	600 dpi Class
Sorting Function		Yes	Yes
Reduction/Enlargement		25% - 400%	25% - 400%
Scan	Color or B/W Scanning	Color Flatbed	Color Flatbed
	Optical Resolution (Max. dpi)	600 x 2400	600 x 2400
	Interpolated Resolution (Max. dpi)	9600 x 9600	9600 x 9600
	Driver Provided	TWAIN, WIA ⁷	TWAIN, WIA ⁷
	Document Viewer	PaperPort®	PaperPort®
	OCR Software	Presto! Page Manager® ⁶ TextBridge® Presto! Page Manager® ⁶	Presto! Page Manager® ⁶ TextBridge® Presto! Page Manager® ⁶
Other	PC Fax Software	Yes	Yes
	Maximum with Optional Memory ¹	160MB	160MB
	LAN Option ⁷	NC9100h	NC9100h (Standard on 8820DN)
	Consumable Type ¹ /Max. Yield (@5% page coverage)	TN530 (3,300 pgs.) ¹ TN560 (6,500 pgs.) ¹ DR500 Drum Unit ²	TN530 (3,300 pgs.) ¹ TN560 (6,500 pgs.) ¹ DR500 Drum Unit ²
	Unit Dimensions (W" x D" x H")	20.9 x 17.5 x 18.5	20.9 x 17.5 x 18.5
	Carton Dimensions (W" x D" x H")	22.3 x 24.7 x 22.6	22.3 x 24.7 x 22.6
	Unit/Carton Weight (lb.)	36.6/48.0	39.9/51.3
	UPC Code	0 12502 60660 4	MFC-8820D: 0 12502 60661 1 MFC-8820DN: 0 12502 60705 2

Minimum System Requirements and Supported PC Software Functions

Computer Platform & Operating System Version	Supported PC Software Functions	PC Interface	Processor/Minimum Speed	Minimum RAM	Recommended RAM	Available Hard Disk Space	
						For Drivers	For Applications
Windows® Operating System	95	Printing, PC Fax, Scanning	Parallel only	Pentium 75Mhz	32MB	32MB	80MB / 100MB
	98, 98SE	Printing, PC Fax, Scanning	Parallel, USB	Pentium 75Mhz	32MB	32MB	80MB / 100MB
	Me	Printing, PC Fax, Scanning	Parallel, USB	Pentium 150Mhz	32MB	64MB	80MB / 100MB
	NT® Workstation 4.0	Printing, PC Fax, Scanning	Parallel only	Pentium 75Mhz	32MB	64MB	80MB / 100MB
	2000 Professional	Printing, PC Fax, Scanning	Parallel, USB	Pentium 133Mhz	64MB	128MB	80MB / 100MB
	XP	Printing, PC Fax, Scanning	Parallel, USB	Pentium 233Mhz	64MB	128MB	80MB / 180MB
Mac® Operating Systems	OS 8.6 - 9.2	Printing, PC Fax send, Scanning ³	USB only	All based models meet minimum requirements.		50MB	200MB
	OS X 10.1 / 10.2.1 or greater	Printing, PC Fax send, Scanning ³	USB only	128MB	160MB	50MB	200MB

¹Maximum 1200 x 1200 dpi scanning with Windows® XP (resolutions up to 9600 x 9600 dpi can be selected using the Brother Scanner Utility).

²Brother PC Fax send only. For PC Fax Receive, please use Windows® XP built-in function.

³Scanning only available for Mac OS 10.2.1 or greater.

⁴Dedicated "Scan to" key does not function in the Mac® Operating Systems.

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For the latest drivers, access the Brother Solutions Center at <http://solutions.brother.com>

Optional Supplies and Accessories[†]

- TN530: Standard Toner Cartridge (3,300 pages per cartridge*)
- TN560: High Yield Toner Cartridge (6,500 pages per cartridge*)
- DR500: Drum Unit
- LT5000: Second Lower Paper Tray Unit (Additional 250 Pages)
- NC9100h: Internal Lan Option (Ethernet)



- * Based on Brother No.1 Chart with JBIG coding at standard resolution in ECM
- ** For Windows 98, 98SE, ME, 2000 Professional and XP
- [†] Requires additional purchase
- [‡] Based on 5% page coverage
- [§] Networking only available standard on MFC-8820DN (optional on MFC-8420/8820D)
- [▲] Duplex feature and 50-sheet multi-purpose tray (not on MFC-8420)
- [¶] Based on 5% coverage of letter size paper

- Up to 20,000 pages. Many factors determine actual drum life, including temperature, humidity, type of paper, toner used and number of pages per print job
- OS 8.6-9.2 Printing, PC Fax (send only) and Scanning
- Scanning supported in OS X 10.2.1 or greater
- PostScript® 3 Emulations
- For Mac®
- For Windows® XP
- Maximum 1200 x 1200 dpi scanning with Windows® XP (resolutions up to 9600 x 9600 dpi can be selected using the Brother Scanner Utility).

For more information please call the Brother Fax-Back System at 1-800-521-2846 (USA only) or visit our Web site at www.brother.com

