

MFC-8820D

Technical Specifications

Laser Fax

33.6K bps high speed fax modem
 32MB memory stores up to 500 pages* for out-of-paper reception
 Duplex fax received
 340 station quick dials
 Up to 50 sheets auto document feeder
 Up to 250 sheets paper capacity
 Broadcasting up to 390 locations
 Memory security

Laser Printer

Duplex printing as standard (up to 8.5ppm A4/Letter)
 HQ 1200 (2400 x 600 dpi) resolution
 Up to 16ppm print speed
 PCL6 and BR-Script (PostScript® 3 Language Emulation)
 Hi-Speed USB2.0 and Parallel interfaces standard
 Compatible with Window® 95/98/98SE/Me and NT® 4.0WS/2000/XP

Digital Copier

Versatile flatbed design for copying bound documents
 Up to 1200 x 600 dpi resolution
 Up to 16cpm copy speed
 Multi-copying up to 99 copies
 Stack or Sort functions
 Reduce or enlarge from 25% - 400% in 1% increments
 2-in-1, 4-in-1 reductions, or poster enlargement

Colour Scanner

Colour or B&W scanning
 Flatbed design for scanning page from books or magazines
 Up to 9600 x 9600 dpi** scanning (interpolated resolution)
 Up to 600 x 2400 dpi scanning (optical resolution)
 TWAIN & WIA complaint

PC Fax

PC Fax Software included
 Sending & receiving faxes via PC (PC Fax Receiving is not available for Mac)

Optional Consumables

TN-7300	Toner	(Up to 3,300 pages @5% coverage)
TN-7600	Toner	(Up to 6,500 pages @5% coverage)
DR-7000	Drum	(Up to 20,000 pages; 1 page/job)
NC-9100h	LAN Board	
LT-5000	Paper Cassette #2	

* Based on ITU-T# 1 Chart with JBIG coding and Standard Resolution

** Due to the restrictions of OS or applications, scanning at or above 2400 X 2400 dpi may not support all sizes of documents or images.

MINIMUM SYSTEM REQUIREMENTS						
Computer Platform & Operating System Version		Processor Minimum Speed	Minimum RAM	Recommended RAM	Available Hard Disk Space	
					Driver	Application Software*1
Windows® Operating System	95, 98, 98SE	Pentium 75MHz	24 MB	32 MB	80 MB	100 MB
	Me	Pentium 150MHz	32 MB	64 MB		
	NT® Workstation 4.0	Pentium 75MHz				
	2000 Professional	Pentium 133MHz	64 MB	128 MB		
	XP	Pentium 233MHz			180 MB	
Apple® Macintosh® Operating System	OS 8.6 - 9.2 (Printing, Scanning and PC Fax send Only)	All base models meet minimum Requirements	32 MB	64 MB	50 MB	200 MB
	Mac OS X 10.1/10.2.1 or greater (Printing, Scanning*2 and PC Fax send and Remote Setup Only)		128 MB	160 MB		

NOTE : USB is not supported under Window® 95 or Window NT® WS 4.0
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*1 Application Software is different Windows® and Macintosh®

*2 Scanning is supported in 10.2.1 or greater

Type Desktop Facsimile Transceiver

Fax

Compatibility	Super G3
Coding System	MH/MR/MMR/JBIG
Modem Speed	33600-2400 bps
	Automatic Fallback
Document Size	ADF Width: 148 mm to 216 mm ADF Height: 148 mm to 356 mm Scanner Width: Max. 212 mm Scanner Height: Max. 356 mm
Scanning	208 mm
Printing Width	208 mm
Paper Tray	250 Sheets (80 g/m2)
Multi-Purpose Tray	50 Sheets (80 g/m2)
Printer Type	Laser
Print Method	Electrophotography by semiconductor laser beam scanning
LCD (Liquid Crystal Display)	22 characters x 5 lines
Gray Scale	64 levels
Polling Types	Standard, Secure, Timer, Sequential
Contrast Control	Automatic/Light/Dark (manual setting)
Resolution	• Horizontal 8 dot/mm • Vertical • Standard 3.85 line/mm • Fine, Photo 7.7 line/mm • Superfine 15.4 line/mm
One-Touch Dial	40 (20 x 2)
Speed-Dial	300 stations
Automatic Redial	3 times at 5 minute intervals
Auto Answer	0-10 rings
Communication Source	Public switched telephone network

Printer

Emulation	PCL6 (Brother Printing System for Windows® emulation mode of HP LaserJet) and BR-Script (PostScript® 3 Language Emulation)
Printer Driver	Windows®95/98/98SE/Me/2000 Professional/XP and Windows NT® Workstation Version 4.0 driver supporting Brother Native Compression mode and bi-directional capability Apple® Macintosh® QuickDraw® Driver and PostScript (PPD) for OS 8.6-9.2/OS X 10.1/10.2.1 or Greater
Resolution	HQ1200 (Max. 2400 x 600 dots/inch)
Print Quality	Normal printing mode Economy printing mode (saves toner usage)
Print Speed	Up to 16 pages/minute A4 size (when loading paper from paper tray)
Duplex Printing	Up to 8.5 pages/minute
First Print	Up to 12 seconds

Electrical and Environmental

Power Source	220 - 240V AC 50/60Hz
Power Consumption	Average Operating (Copying): 440W or less (25°C) Peak 1090W or less Sleep 14W or less, (Power Save mode : 6W) Standby 75W or less (25°C)
Dimensions	532(W) x 444(D) x 469(H) mm
Weight	18.1 kg (with drum/toner unit)
Noise	Operating 53 dB A or less Standby 30 dB A or less
Temperature	Operating 10 - 32.5°C Storage 0 - 40°C
Humidity	Operating 20 - 80% (without condensation) Storage 10 to 90% (without condensation)