



MFC-8220

- Printer
- Fax
- Copier
- Scanner
- Optional Network Interface



Telephone



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••• Always at your side

Technical Specification

General		
Engine		Laser
LCD Display		2 lines x 16 characters - 3 colour backlit
Memory Capacity		32MB standard / 160MB maximum
Automatic Document Feeder		up to 30 sheets
Paper handling size		A4/LTR/LGL/B5/A5/B6/A6/EXE
Paper Capacity	Standard paper cassette	up to 250 sheets
	Output paper capacity	up to 150 sheets
Simultaneous Operation		(Print/Copy) (Print/Scan) (Print/Fax)
Laser Fax		
Dual Access Modem		Scan a fax for transmission whilst receiving or sending a fax 33.6kbps Super G3 Approx 2 seconds transmission
Data Compression		MH / MR / MMR / JBIG
Automatic redial		Automatic redial if the recipient fax is busy
One-touch dials numbers		32 locations for one-touch auto dialling of pre-stored numbers
Speed dials numbers		300 locations for auto dialling of pre-stored numbers
Group dials		up to 6 groups
Fax / Tel switch		Automatic recognition of fax and telephone reception
Distinctive ring detection		Yes - UK & Denmark only
Super fine		Enables quality transmission and reception of very small print or line drawings
Grey scale		64 shades of grey
Delayed timer		Yes - up to 50
Memory Transmission		Up to 500 pages (ITU-T Test Chart No 1)
Out of paper reception		Up to 500 pages (ITU-T Test Chart No 1)
Broadcasting locations		send the same fax message to up to 382 pre-programmed (includes 50 manual locations)
Batch transmission		Stores documents for the same location in the machines memory for transmission in a single call
Auto reduction		Automatically reduces a received fax to fit on to a singles sheet of A4
Error correction mode		Where machines share ECM, it resends the page(s) of a document where an error has occurred
Fax forwarding		Sends a fax received in memory to another pre-programmed fax number
Remote access		Allows the user to remotely access their machine by using another touch tone phone
Fax retrieval		Allows the user to retrieve fax messages using another touch tone phone
PBX		Enables compatibility with PBX's that use Time Break Recall
Interface		
Parallel		IEEE1284 Parallel Cable Port
USB		Hi-Speed USB2.0
Network 10/100Base-TX Ethernet		Optional - NC-9100h

Laser Copier		
Speed		Up to 20cpm
First Copy Out Time	from READY mode	Less than 12 seconds
Resolution		Max. 300 x 600dpi
Multi copy		Produces up to 99 copies of each original
Stack & Sort		Stacks or sorts output copies as desired
Enlargement / reduction ratio		25% - 400% in 1% increments
N in 1		Compress 2 or 4 pages on to a single sheet
Laser Printer		
Speed	Simplex	Up to 20ppm
First Print Out Time	from READY mode	Less than 12 seconds
Resolution		Max. 2400 x 600dpi
Standard print language		Windows @ GDI
Emulation		PCL6 & BR-Script 3 (Postscript @ 3 language emulation)
Secure Print		Prevents unauthorised printing of protected documents
Scanner		
Resolution	Optical Interpolated	Max. 300 x 600dpi Max. 9600 x 9600dpi
Grey Scale 'Scan' key		256 shades of grey Scan to e-mail/OCR/Image/File*
Weights & Dimensions		
Dimensions / Weight	With Carton	518(w) x 565(d) x 458(h) mm / 16.3kg
	Without Carton	375(w) x 451(d) x 335(h) mm / 11.5kg
Consumables & Optional Accessories		
Toner	Standard High Yield	TN-3030 - 3,500 pages with 5% coverage TN-3060 - 6,700 pages with 5% coverage
Drum		DR-3000 - 20,000 pages @ 1 page per job
Lower Paper Tray		LT-5000 - additional 250 sheets
Network Print/Fax Server		NC-9100h - with 5 user license NL-5 - optional 5 user license ¹
Other Information		
Power Consumption	Operating Sleep / Standby / Peak CPU Sleep	440W or less (Copying) 14W / 75W / 1090W or less 6W or less

¹ Up to a maximum of 25 users

*Windows @ only

MFC-8220	Scanner Resolution	TWAIN/WIA Driver	Scan to Image	Scan to E-mail	Scan to OCR	Scan to File	Scan to E-mail Server	Brother PC-FAX Send	PC-FAX Receive	Printer Driver	Brother Control Centre	Remote Setup	NewSoft Presto! [®] Page Manager [®]	ScanSoft [®] PaperPort [®]
Microsoft Windows [®] 95	9600x9600	TWAIN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
98(SE)/Me/2000 Professional	9600x9600	TWAIN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NT [®] 4.0 Workstation	9600x9600	TWAIN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
XP	1200x1200**	WIA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Macintosh [®] OS 8.6	9600x9600	TWAIN				✓	✓	✓	✓	✓			✓	
OS 9.x	9600x9600	TWAIN				✓	✓	✓	✓	✓			✓	
OS 10.1	-	-				✓	✓	✓	✓	✓	✓	✓	✓	✓
OS 10.2.1-10.3 or greater	9600x9600	TWAIN				✓	✓	✓	✓	✓	✓	✓	✓	✓

COMPUTING SYSTEM	OPERATING SYSTEM VERSION	PROCESSOR SPEED	MINIMUM RAM	RECOMMENDED RAM	AVAILABLE HARD DISK SPACE	
					for Drivers and ScanSoft [®] Software	for Drivers and NewSoft Presto! [®] Page Manager [®] Software
WINDOWS [®]	95	Pentium 75MHz	24MB	32MB	180MB	
	98/98SE	Pentium 75MHz	24MB	32MB	180MB	
	Me	Pentium 150MHz	32MB	64MB	180MB	
	NT [®] 4.0 Workstation	Pentium 75MHz	32MB	64MB	180MB	
	2000 Professional	Pentium 133MHz	64MB	128MB	180MB	
XP	Pentium 233MHz	128MB	128MB	256MB	260MB	
MAC [®]	OS 8.6 - OS 9.2	All base models	32MB	64MB		250MB
	OS 10.1	meet minimum requirements	128MB	160MB		250MB
	OS 10.2.1 - 10.3 or greater	requirements	128MB	160MB		250MB

*This feature is also available when optional NC-9100h Print/Fax Server installed. **Brother Scanner Utility enables to enhance up to 9600 x 9600dpi

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