

Laser Multi-function Centre

Laser Printer

Laser Fax

Laser Copier

Scanner



CORE FEATURES

up to 20 pages per minute print and copy speed
up to 30 sheet auto document feed
250 sheet paper capacity + 250 sheet optional
HQ1200 (2,400 x 600 dpi) print and resolution
up to 32 MB standard memory with option to
expand up to 160 MB
colour LCD to indicate machine's status

LASER PRINTER

Windows® GDI
PCL® 6 & BR-Script 3 (PostScript® 3
language emulation)
133MHz processor
parallel and Hi-speed USB interface
first print out in less than 12 secs.

COPIER

zoom 25% - 400% in 1% increments
up to 99 multi-copies with stack and
sort functions
2 in 1 and 4 in 1 copying
copy counter
first copy out in less than 12 secs.

LASER FAX

33.6k bps super G3 modem
32 one-touch dials
300 speed dials
dual access

SCANNER

up to 9600 x 9600 dpi resolution
(interpolated), 300 x 600 dpi (optical)
scan to e-mail/OCR/image/file
twain compliant (WIA for XP)



At your side.

MFC-8220

Features

General

Engine	Laser
Modem Speed	33,600 - 2400 bps
Transmission Speed	2 seconds (Brother #1 Chart, JBIG)
ITU-T group compatibility	Super G3
Data Compression	MH / MR / MMR / JBIG
CPU Speed	RISC-133MHz
Input / Output Width	Up to 216 mm
ADF (Auto Document Feed)	Up to 30 sheets
LCD Display Size	2 lines of 16 characters with a 3 colour LCD to indicate printer status
On-Screen Programming	Step by step prompts are displayed within the LCD to facilitate programming machine options and settings.
Backup for clock	Up to 4 days
Standard Memory Capacity	Up to 32 MB (RAM)
Optional Memory	Up to 160 MB using standard industry DIMM
Memory Backup	Up to 4 days
Simultaneous Operation	Various combinations (Print, Fax, Copy, Scan, PC-Fax)
Memory Security	Allows the user to prevent unauthorised access to the fax machine
Life Counter	Informs the user of total number of all pages produced from this machine. (In system set-up)

Printer

Speed	Up to 20 pages per minute
Warm-up time	From sleep mode to ready status takes up to 18 seconds
First Print time	From ready status to printed document takes up to 12 seconds
Resolution	HQ1200 (2,400 x 600 dpi)
Paper Capacity (Sheets)	The number of sheets that can be stored in the paper tray is up to 250
Additional Paper Capacity (Sheets)	An additional 250 sheets can be stored in an optional paper tray, (LT-5000)
Output Paper Capacity	The number of sheets that can be stored in the output paper tray is 150
Paper Handling Size	Maximum document size which can physically pass through the machine is A4
Standard Print Language	Windows GDI
Emulation	PCL® 6, BR-Script 3 (PostScript® 3 Emulation)
Resident Fonts	49 Scaleable fonts, letter Gothic 16.66, OCR-A and OCR-B
Tray Control	For machines that have more than one paper tray attached, this feature allows the user to specify which tray is used to provide media for a print job.
Printer Driver	Windows®95/98/98SE/Me/2000/XP, WinNT®4.0.OWS and Mac OS® 8.6-9.2, OSX 10.1/10.2.1-10.3 or higher

Fax

Automatic Redial	Automatic redialling if the recipient fax is busy
One-Touch Dials	Auto dialling of a pre-stored number performed by the touch of one key - 32 locations (2 x 16)
Speed Dials	Auto dialling of pre-stored number by entry of a two digit number (300 locations)
Group Dial	A combination of up to 6 one-touch and telephone index numbers can be stored on a one-touch key for broadcasting
Telephone Index	An electronic, alphabetical listing of stored one-touch, speed dials and group numbers
Chain Dialling	Allows the user to store parts for long dialling sequences in different one-touch or speed dial locations
Station ID	This is the stored information that appears at the top of faxed pages
Remote maintenance	This allows a call centre to maintain a users fax machine without leaving the office
Distinctive Ring Detection	A service purchased from the Telephone Company that allows two or more telephone numbers to share a single fixed line, the function enables the machine to provide a different ring tune for each number. Available only for UK and Denmark.
Speaker / Ring volume	3 Steps and off
FAX/TEL Switch	Automatic recognition of fax and telephone reception
Super Fine	Enables quality transmission of very small print and line drawings
Grey Scale	64 levels
Contrast	Auto / light / dark
Delayed Timer	Up to 50 locations
Polling Type	Standard and Sequential
Quick-Scan (Memory Transmission)	Reduce scanning times by scanning a fax into memory before sending. Approximately 2 seconds per page, A4 standard.
Out of Paper Reception	Up to 500 pages (ITU-T Chart/JBIG/Standard resolution)
Broadcasting	Send the same fax message to up to 382 separate locations, 50 manual locations
Batch Transmission	Stores documents for the same location in the machines memory for transmission in a single call.
Auto Reduction	When receiving a single page document between 297mm and 350mm long the fax machine will automatically reduce the message to fit onto a single A4 sheet.
ECM (Error Correction Mode)	Where machines share the ECM feature, detects errors during fax transmission and resends the page(s) of the document that had an error

Features

Dual Access	Allows the user to dial a number, and begin scanning the fax into memory-even when the MFC is receiving, sending or printing a fax from memory.
Fax Forwarding	Sends a fax received in memory to another pre-programmed fax number
PC Fax	Sends and receives faxes direct from your PC. (Send only for Mac)
Internet Fax	Available with optional network card, (NC-9100h) (ITU T. 37 simple mode)
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 machine
Re-send after receive error signal	If the machine detects an error after transmission the fax message is resent
Remote set-up	Allows the user to set-up the MFC from their PC. E.g. quick dials, group dials, station ID. (For Windows®, Mac OS® X only)

Copy

Speed	The maximum copy speed is 20 copies per minute
Warm-up time	From sleep mode to ready status takes up to 18 seconds
First Copy out time	From ready status to printed document takes up to 12 seconds
Resolution	Maximum 300 x 600 dpi
Multi-Copying / Stack / Sort	Makes up to 99 copies of each page loaded in the ADF / Stacks / Sorts
Enlargement/Reduction Ratio	Reduce or Increase document sizes from 25% to 400% in 1% increments.
N in 1 Copying	Allows the user to compress 2 or 4 pages on to a single A4 sheet

Scanner

Resolution (Optical)	300 x 600 dpi
Resolution (Interpolated)	9,600 x 9,600 dpi
Grey Scale	256 shades of grey available for copying or scanning
Twain (WIA*) Compliant	Twain compliant for Windows® 95/98/98SE/Me/2000/XP*, WinNT® 4.0WS
& Operating System	Mac OS® 8.6-9.2, OSX 10.2.1-10.3 or higher
PCI Scanner (Parallel / USB)	This model has Parallel and Hi-Speed USB2.0 connections
'Scan' Key	Enables user to scan a document to e-mail, Image, OCR or file (For Windows® only)

List / Report

Journal Report	Lists information about the last 200 incoming and outgoing faxes.
TX (Transmission) Verification Report	Reports transmission details after each fax is sent.
Cover-page	Generates a cover page at the recipients machine.
Help List	A list of basic operational steps and functions can be printed
Quick Dial List	Lists names and numbers stored in one-touch and speed dial memory in numerical order
System Set-up List	A printed report that shows the current setting of your machine.
Order form	Prints an accessories order form for you to send to your Brother dealer.

Page Counters (In system set-up – Available to view in LCD or print)

Total Print Pages	Informs the user of the total number of all pages produced from this machine
Copy pages	Informs the user of the total number of copies made on this machine in pages
PC Print Pages	Informs the user of the total number of PC prints from this machine
Fax RX Pages	Informs the user of the total number of faxes received on this machine in pages

Interface

External TAD Interface	Interface for connecting external telephone answering devices
Host Interface (IEEE1284)	Parallel cable port
Host Interface (Hi-Speed USB2.0)	Hi-Speed USB2.0 (Universal Serial Bus) port
LAN Interface	Ethernet Auto switching 10/100Base-TX is available with optional LAN board (NC-9100h)

Weights and Measures

Dimensions	With Carton (541mm width) x (565mm depth) x (458mm high) Without Carton (431mm width) x (451mm depth) x (335mm high)
Weight	With Carton 16.5 Kg Without Carton 11.6 Kg
Power Consumption	Sleep: 14 w or less Stand-by: 75 w or less Peak: 1090 w or less

Supplies

Toner: TN-3030 (3,500 A4 pages with 5% coverage)
Toner: TN-3060 (6,700 A4 pages with 5% coverage)
Drum: DR-3000 (20,000 A4 pages with continuous printing, 1 page per job)

Optional Accessories

Network Card	NC-9100h
Paper Tray	LT-5000 (holds 250 sheets)
Memory	16MB, 32MB, 64MB or 128MB DIMM card (Not available from Brother)