

MFC-7420

Multi-Function Centre®



MFC-7420

5-in-1 Laser Flatbed Multi-Function Centre®

Compact Document Centre with an incredible range of functions for the home office or business environment

- Laser Printer
- Laser Fax
- Flatbed Laser Digital Copier
- Colour Flatbed Scanner
- PC Fax Send / Receive



14.4Kbps
Fax Modem



Windows™/Mac™
Compatible



FullSpeed
USB 2.0
/ Parallel Standard



208 Quick
Dials



Up to 20ppm
Print Speed



16MB Memory



Optional Wired
or Wireless
Network Interface



Up to 35 page
Automatic
Document
Feeder



24 hour 7 day
Online Help

Technical Specification



General

Engine	Monochrome Laser
LCD Display	2 line x 16 characters
Illuminated Function Keys	Fax, Copy, Scan, and PhotoCapture Centre function keys are illuminated for ease of use
Back-up for clock	Keeps time and date backed up for 2 hours
Memory Capacity	16MB standard
Paper handling size	A4, LTR, EXE, A5, A6, B5, B6
Media Type	Plain, Recycled, Envelopes, Transparency, Bond, Labels
Paper Capacity	Input: Up to 250 sheets* Output: Up to 100 sheets*
Automatic Document Feeder (ADF)	Up to 35 sheets*
Simultaneous Operation	(Print/Fax) (Print/Scan) (Print/Copy) (Fax/Copy)

Printer

Speed	Up to 20ppm
Resolution	Up to HQ1200 (2,400 x 600dpi)
First Time Print Out	Less than 10 secs
Standard Print Language	Windows® GDI
Printer Driver	Windows® 98/98SE/Me/2000/WinNT® 4.0WS/XP Mac® OS 9.1-9.2/ Mac® OS X 10.2.4 or greater

Fax

Modem	14,400bps - Approx 6 seconds transmission
Data Compression	Mono: MH / MR / MMR
Automatic redial	Automatic redial if the recipient fax is busy
One Touch	8 locations for pre-stored numbers
Speed dials	200 locations for pre-stored numbers
Group dials	Up to 8 groups
Fax / Tel switch	Automatic recognition of fax and telephone reception
Distinctive ring detection	Yes (Telstra Faxstream Duel® compatible)
Super fine	High quality transmission and reception
Grey scale	64 levels for Mono
Memory Transmission	Up to 400 pages (ITU-T Test Chart No 1)
Out of paper reception	Up to 400 pages (ITU-T Test Chart No 1)
Broadcasting locations	Send the same fax message to up to 258 locations
Batch transmission	Stores documents for the same location in the machines memory for transmission in a single call (B&W only)
Auto reduction	Automatically reduces a received fax to fit on to a single sheet of A4
Error correction mode	Where machines share the ECM feature, errors during transmission are corrected automatically ensuring received documents are error free
Fax forwarding	Sends a fax received in memory to another pre-programmed fax number
Remote access	Remotely access the machine by using another touch tone phone
Fax retrieval	Retrieve fax messages using another touch tone machine
Dual Access	Scan a fax for transmission whilst receiving a fax

Copier

Speed	Up to 20ppm
Resolution	Up to 600 x 300dpi
Multi copy	Produces up to 99 copies of each original
Enlargement / reduction ratio	25% - 400% in 1% increments
N in 1	Compress 2 or 4 pages on to a single sheet
Poster Printing	Enlarge an image to print onto 3 x 3 pages for A4 size

Colour Scanner

Resolution	Optical	Max. 600 x 2,400dpi
	Interpolated	Max 9,600 x 9,600dpi
Scan speed		From 4 seconds Mono and from 5 seconds Colour (A4 size, 100 x 100dpi)
Grey Scale		256 shades of grey
Colour Depth	Input/Output	24bit internal/external processing colour scanner
'Scan' key		Allows the user to scan to e-mail, OCR, Image, File

PC FAX

PC Fax Send / Receive	Send Only (MAC)	Send and Receive Faxes from your PC, broadcast to up to 50 locations
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Interfaces

USB	USB 2.0 Full Speed connectivity as standard
Parallel	IEEE1284 Parallel port
External TAD Interface	Interface for connecting external telephone answering devices
Optional Wireless Network	NC-2200w Wireless USB Print/Fax/Scan Server
Optional Wired Network	NC-2100p 10/100BaseTX Ethernet Print/Fax Server

Optional Network Features

Network Functions	Printing, Scanning, PC-Fax (NC-2200w) Wireless Network (Network Scanning Software license for 2 users as standard)
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Weight / Dimensions & Power

Dimensions	432(w) x 395(d) x 294(h) mm
Weight	9.45kg
Power (Minimum / Standby / Peak)	10W / 75W / 1032W

Consumables

Toner	TN-2025 - Approx. 2,500 A4/LTR pages @ 5% coverage
Drum	DR-2025 - Up to 12,000 A4/LTR pages (1 page / job)



Brother strongly recommends that our customers use Genuine Brother consumable products only. By using genuine Brother consumables the benefits to you are:

- Better quality prints
- Greater yields per consumable
- Protect your machine from damages
- Achieve optimum performance.

Your machine warranty may not cover any damage arising from the use of non genuine Brother consumables. Your machine should be used only in a clean, dust-free environment

Option

Network Print/Scan Server	NC-2200W Wireless USB Print/Fax/Scan Server (11Mbps, USB Host) ^{†‡} NC-2100p 10/100BaseTX Ethernet Print/Fax Server (Parallel Host) [▲]
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NC-2100p Wired Print Server
Parallel Host, 10/100BaseTX

NC-2200w Wireless Print Server
USB Host, 802.11b

Environmentally friendly separate toner and drum saves you money.

	MFC-7420	Scanner Resolution Upto DPI	TWAIN/WIA Driver	Scan to Image	Scan to E-mail	Scan to OCR	Scan to File	Brother PC-FAX Send	Brother PC-FAX Receive	Printer Driver	Brother Control Centre 2.0	Remote Setup	Status Monitor	NewSoft® Presto® PageManager®	ScanSoft® PaperPort® 9.0SE
Windows®	98(SE)/Me	19200x19200	TWAIN	✓	✓	✓	✓	✓	✓*	✓	✓	✓*	✓		✓
	2000 Professional	19200x19200	TWAIN	✓	✓	✓	✓	✓	✓*	✓	✓	✓*	✓		✓
	XP	1200x1200**	WIA	✓	✓	✓	✓	✓	✓*	✓	✓	✓*	✓		✓
Macintosh®	OS 8.6							✓		✓				✓*	
	OS 9.x	19200x19200	TWAIN*					✓		✓				✓*	
	OSX 10.2.4 or greater	19200x19200	TWAIN	✓	✓	✓	✓	✓		✓	✓	✓*		✓*	

*These features are not available via the network, **Brother Scanner Utility enables to enhance up to 19200 x 19200dpi

[†]at 75gsm A4 paper, [‡]Up to a maximum of 25 users for network scanning software, [▲]TCP/IP - ARP, RARP, BOOTP, DHCP, APIPA(Auto IP), WINS/NetBIOS, DNS, LPR/LPD, Raw Port/Port9100, SMB Print, IPP, TELNET, SNMP, HTTP

Contact:

At your side.

brother®

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All specifications subject to change without notice