

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



Five essential functions, each individually impressive.



Stylish, user- friendly design

Control panel designed to maximise usability



Automatic Document Feeder

For easy faxing of multi-page documents



LCD & backlit Function Keys

A LCD and backlit function key makes it easy to see the status of the MFC-7420 and identify which function is selected



MFC-7420

- Laser Printer
- Laser Fax
- Flatbed Laser Copier
- Colour Flatbed Scanner
- PC Fax

High-quality laser printing,
flatbed copying, flatbed colour
scanning and faxing in one
small footprint.

Main Features

1/ Laser Printer

Outstanding performance is certain, thanks to print speeds of up to 20 pages per minute*. A printing resolution of up to 2400 x 600 dots per inch also assures you that there is no compromise on quality. Brother provides 16MB of standard memory. GDI emulation is installed, and the choice of parallel, Full-Speed USB 2.0 and optional network means connectivity isn't an issue.

2/ Laser Fax

For convenience, you can fax a range of documents using the up to 35 sheet** Automatic Document Feeder. A combined 'out of paper' and 'fax transmission' memory facility allows up to 400 pages to be stored†. With 8 one-touch numbers, 200 speed dial numbers and a further 258 broadcast locations, dialling is both quick and easy.

3/ Flatbed Laser Digital Copier

The performance as a desktop copier is consistently impressive. The Automatic Document Feeder is capable of handling up to 35 A4 sheets**, removing the need to stand over the machine changing page after page of your original. Up to 99 copies can be generated at one time, and stack and sort functions eliminate the need for rearranging or hand-collating. In addition to this, the ability to reduce or enlarge documents between 25% and 400% affords you the copying versatility you have come to expect from Brother.

Additional versatility comes in the form of 2-in-1 and 4-in-1 scale functions and poster printing.

4/ Flatbed Colour Scanner

With a resolution of up to 600 x 2400 dots per inch, you can be reassured that scan quality is not compromised. Multiple scans can be generated through the Automatic Document Feeder and the 'Scan' key offers flexibility by enabling you to scan directly to OCR, E-mail, Image or File.

5/ PC Fax

This feature allows the user to send faxes from any desktop application in either Windows® or

Mac® network environment▼, as easily as sending a print job. In addition, the user can broadcast the same document to multiple Fax numbers using Brother PC Fax address book.

Other Features

Simultaneous Operation

Brother has added simultaneous operation, therefore enabling you to print whilst sending a fax or begin scanning while a document is being printed.

LCD and Function Keys

The LCD display ensures it is easy to read the status of the MFC-7420. Additionally the function key is easy to see which feature is selected.

Paper Handling

There is a paper capacity of up to 250 sheets** and a single sheet feeder as standard

Compatibility

In the modern office, with an increasing number of users working from different systems software, workgroups require a cross-platform printer. That's why, the MFC- 7420 has optimised drivers for Windows® 98 / 98(SE) / Me / NT® 4.0WS / 2000 / XP, Mac OS® 9.1 to 9.2/OS® X 10.2.4 or greater.

*At 600 x 150dpi

**At 75 gsm

†ITU-T Test Chart No.1

▼With optional network card (NC-2200w or NC-2100p)

Optional Network Connectivity

The optional NC-2200w is a wireless (11Mbps/802.11b) Print/Fax/Scan Server, whereas the optional NC-2100p is a wired (10/100Mbps) Print/Fax Server. They enhance your machine into a workgroup Multi-Function Centre®. Specifically designed to ensure effortless implementation into the majority of networks and supporting industry standard TCP/IP protocol.

Network Printing

Across the most popular protocols and platforms including Microsoft Windows®, and Macintosh®, operating systems

Network Scanning (NC-2200w)

- Scansoft® PaperPort® with 5 user license
- Brother control centre for effortless Network Scanning
- Scan key functionality
- Further optional 5 user license agreements to extend workgroup capability up to a maximum 25 users

Network PC Fax

Brother Network PC Fax Software utilises LPR as the transport for sending documents from your PC to the networked machine for transmission.

For the IT Administrator

Network Management

Brother provides a number of tools to help you proactively manage your network-connected Multi-Function Centre®. An Embedded Web Server provides a platform that can be accessed from any web browser to manage your device.

In addition Brother provides its BRAdmin Professional Software for administering LAN connected Multi-Function Centre's®

For a full list of specifications for the NC-2200w or NC-2100P Print Server please go to

<http://solutions.brother.com>

Environmentally Friendly Features

International Standards:

ISO 14001

As one of the Australia's leading Multi-Function Centre manufacturers, Brother takes its environmental responsibilities very seriously. Brother Multi-Function Centre's® are ISO 14001 compliant meaning that they are manufactured in accordance to international environmental standards.

Energy Star

Additionally, Brother Multi-Function Centre's® are

Energy Star™ compliant and use less electricity making them extremely efficient to run.

Separate Drum and Toner Cartridge

All Brother Laser Multi-Function Centre's® come with a separate drum and toner cartridge. Unlike some other laser Multi-Function products, when the toner runs out or drum wears out simply replace that item. Another feature from Brother that saves you money and is better for the environment.

Software

Brother supplies industry standard software to enhance the key functions of your machine:

- Scansoft® PaperPort®▲ Turns piles of paper and photos into organised digital files that you can quickly find use and share.
- OCR software▲ Easily turns printed pages into editable electronic documents.
- Brother PC-Fax software▲ Send and receive faxes directly from your PC.
- Remote set up facility▲ Configure the settings of your machine from your PC.
- Newsoft Presto!® Page Manager® for Macintosh® including OCR▲ Document management software for Macintosh users

▲Please see driver table for details on your operating system.



At your side.
brother®

Technical Specification



General

Engine	Monochrome Laser
LCD Display	2 line x 16 characters
Illuminated Function Keys	Fax, Copy, Scan 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 Duo® 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 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

▲TCP/IP - RARP, BOOTP, DHCP, LPR/LPD, IPP, FTP, TELNET, Port 9100, SMTP, POP3, TFTP, SNMP, NetBEUI, HTTP

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At your side.
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All specifications subject to change without notice