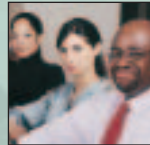


# LASER MFC

FLATBED

MULTI-FUNCTION CENTER<sup>®</sup>

FAX • PRINTER • COPIER • COLOR SCANNER • PC FAX



## Dependable Performance

- Fast – Up to 20ppm
- Up to 2400 x 600 dpi (HQ1200) Printing
- 250-Sheet Letter or Legal Paper Capacity
- Up to 35-Page Automatic Document Feeder



MFC-7420



MFC-7820N

At your side.<sup>™</sup>

# brother<sup>®</sup>

# MFC-7420 / MFC-7820N

## UNEQUALED VERSATILITY

FAX • PRINTER • COPIER • COLOR SCANNER • PC FAX

Whether you choose the MFC-7420 or MFC-7820N, you'll be getting a high performance, all-in-one solution designed to streamline your most demanding tasks. Despite their compact footprint, these MFCs offer robust feature sets including crisp laser printing, flatbed faxing, copying and scanning, and more. Most important, they're made to work at the speed of business.



MFC-7420

### ▶ LASER PRINTER

#### **Crisp, clear resolution for all your documents.**

With the MFC-7420 and MFC-7820N, high quality and fast printing go hand in hand. They print ultra-sharp, clear monochrome laser documents — up to 2400 x 600 dpi (HQ1200) — at an amazing up to 20 pages per minute. Quality printing and versatility allow you to create professional output for your business.



### ▶ PLAIN PAPER FAX

#### **A fast, efficient, versatile fax with room to grow.**

Sending or receiving standard or legal size documents is easy with their flatbed design. With standard memory of up to 16MB (32MB on the MFC-7820N), incoming faxes will be saved even if you run out of paper. And, with these MFCs, there's never any waiting around. With their Dual Access feature, you can send your fax into memory even while another is being received.

### ▶ DIGITAL COPIER

#### **A fast, full function copier... with versatility.**

Crisp laser-quality copies, at up to 20 per minute, that may also be used as stand-alone copiers without even being attached to your PC. In addition, you can multi-copy up to 99 copies, and reduce and enlarge from 25% to 400%.

### ▶ COLOR SCANNER

#### **Scan one or many documents at the touch of a button.**

Adding images to your work has never been quicker or easier, by scanning photos, images, and documents at resolutions up to 9600 x 9600 dpi. ScanSoft® PaperPort® and OmniPage® OCR software are included for Windows® and Presto!®PageManager® for Mac®. Scanning features include "Scan to File," "Scan to E-mail," or "Scan to OCR."

### ▶ PC FAX

#### **You don't have to use paper or even leave your desk.**

With the MFC-7420 and MFC-7820N, you have the option of sending faxes from your PC application or receiving faxes into your PC<sup>+</sup> — allowing you to preview a fax before it is printed.





# Looking for an All-in-One for Everyone? Get one that netWORKS!



## MFC-7820N

Includes all of the features  
of the MFC-7420 *plus...*

- Built-in internal network (Ethernet) interface
- Faster fax modem speed – 33.6K bps
- Greater memory capacity – 32MB
- PCL6 and BR-S3 (PostScript™ Level 3®) emulations

With the MFC-7820N...  
Just connect  
via Ethernet Cable<sup>▼</sup>  
to your Network Router  
to share...



### Network Printing!♦

From each PC that works with your wired or wireless router.



### Network Scanning!♦

From the MFCs directly to any networked computer. Just press the scan button and select the PC to receive the file!



### Network PC Fax Send!♦

From within your application through the network to the MFCs which will dial the fax number and send the fax!

<sup>▼</sup>Cable not included.

<sup>♦</sup>Available on MFC-7820N when connected to a local area network.

# MFC-7420 / MFC-7820N



## Key Features at a Glance

### MFC-7420

- Up to 20ppm print speed
- Up to 2400 x 600 (HQ1200) print resolution
- Flatbed design for easy copying, faxing, and scanning of bound documents
- 16MB (up to 500 pages\*) fax memory
- Up to 35-sheet auto document feeder
- 250-sheet paper tray capacity adjustable for letter and legal paper
- 14.4K bps fax
- Up to 9600 x 9600 dpi (interpolated) color scanner with OCR support†
- Mac® and Windows® compatible
- Full-Speed USB 2.0 and Parallel interfaces‡



### MFC-7820N

Includes all of the features of the MFC-7420 plus...

- Built-in network (Ethernet) interface
- Faster fax modem speed (33.6K bps)
- Greater memory capacity (32MB)
- PCL6 and BR-S3 (PostScript® Level 3®) emulations



## Technical Specifications

		MFC-7420	MFC-7820N
Fax	Modem Speed/Best Transmit Speed*	14.4K bps / 6 sec.	33.6K bps / 2 sec.
	Color or B&W Faxing	B&W	B&W
	Auto Document Feed Capacity	35 Pages	35 Pages
	Paper Capacity	250 Sheets	250 Sheets
	Paper Size(s)	Letter, Legal, A4, B5, A5, B6, A6, EXE	Letter, Legal, A4, B5, A5, B6, A6, EXE
	Standard Memory Capacity (Max. Pgs.)*	16MB (500)	32MB (600)
	Broadcasting (# of Locations)	Yes (up to 258)	Yes (up to 258)
	Quick Scan (Seconds/Page)*	Yes (2.5 sec.)	Yes (2.5 sec.)
	Remote Retrieval	Yes	Yes
	Fax Forwarding/Paging	Yes / Yes	Yes / Yes
	Dual Access	Yes	Yes
	One Touch/Speed Dial Locations	8/200	8/200
	Fax Compatibility	ITU-T G3	ITU-T Super G3
Coding Method(s)	MH/MR/MMR	MH/MR/MMR/JBIG	
Print	Printing Method	Laser	Laser
	Print Speed (Max. ppm)	20ppm	20ppm
	Print Resolution (Max. dpi)	HQ1200 (Up to 2400 x 600)	HQ1200 (Up to 2400 x 600)
	Parallel & Full-Speed USB 2.0 Interfaces‡	Yes	Yes
	Ethernet Interface	Optional† (External)	Standard (Internal)
	Wireless 802.11b/g Interface	Optional† (External)	Optional† (External)
	Windows® Compatibility	98/98SE, Me, NT® 4.0, 2000, XP	98/98SE, Me, NT® 4.0, 2000, XP
	Emulation(s)	GDI	PCL6, BR-S3 (Postscript®3 Emulation)
	Mac® Compatibility	OS 9.1-9.2‡, OS X 10.2.4 or greater‡	OS 9.1-9.2‡, OS X 10.2.4 or greater‡
	Copy	Copy Speed (Max. cpm)	20cpm
B&W Copying		B&W only	B&W only
Copy Resolution (Max. dpi)		600 dpi Class	600 dpi Class
Sorting Function		Yes	Yes
Reduction/Enlargement		25% - 400% in 1% increments	25% - 400% in 1% increments
Scan	Color or B/W Scanning	Color and B&W	Color and B&W
	Optical Resolution (Max. dpi)	600 x 2400	600 x 2400
	Interpolated Resolution (Max. dpi)	9600 x 9600†	9600 x 9600†
	Driver Provided	TWAIN, WIA (Windows® XP)‡	TWAIN, WIA (Windows® XP)‡
	Document Viewer & OCR Software	PaperPort® OmniPage® for Windows®, Presto!® PageManager® with OCR for Mac®	PaperPort® OmniPage® for Windows®, Presto!® PageManager® with OCR for Mac®
Other	PC Fax Software	Yes	Yes
	LAN Option(s)†	NC2100p - 10/100 BaseT External network print server NC2200w - External wireless print/scan server (802.11b)	NC2200w - External wireless print/scan server (802.11b)
	Consumable Type‡ (Max. Yield)	TN350 (approx. 2,500 pgs.▲)* DR350 (approx. 12,000 pgs.●)*	TN350 (approx. 2,500 pgs.▲)* DR350 (approx. 12,000 pgs.●)*
	Unit Dimensions (W" x D" x H")	17.0 x 17.8 x 13.2	17.0 x 17.8 x 13.2
	Carton Dimensions (W" x D" x H")	21.7 x 19.5 x 19.7	21.7 x 19.5 x 19.7
	Unit/Carton Weight (lb.)	20.8/30.4	20.9/30.8
	UPC Code	0 12502 61278 0	0 12502 61281 0

### Minimum System Requirements and Supported PC Software Functions

Computer Platform & Operating System Version	Supported PC Software Functions	PC Interface®	Processor Minimum Speed	Minimum RAM	Recommended RAM	Available Hard Disk Space	
						For Drivers	For Applications
Windows® Operating System†	98, 98SE	USB, Parallel, Ethernet Printing, PC Fax‡, Scanning‡,5	Pentium II or equivalent	32 MB	64 MB	90 MB	130 MB
	Me						
	NT® Workstation 4.0						
	2000 Professional						
XP				128 MB	256 MB	150 MB	220 MB
Mac® Operating Systems	OS 9.1 - 9.2	USB Ethernet	All base models meet minimum requirements.	128 MB	64 MB	80 MB	200 MB
	OS X 10.2.4 or greater	USB Ethernet					

†Ethernet only applies to MFC-7820N.  
 ‡Microsoft® Internet Explorer 5 or greater.  
 §Maximum 1200 x 1200 dpi scanning with Windows® XP (resolutions up to 9600 x 9600 dpi can be selected using the Brother Scanner Utility).  
 ¶Dedicated "Scan" key functions only in Mac OS® X 10.2.4 or greater.  
 \*PC Fax send only for network users.  
 \*\*Network Scanning not supported in Windows NT® Workstation 4.0.

For the latest drivers, access the Brother Solutions Center at <http://solutions.brother.com>

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### Optional Supplies and Accessories†

TN350:	Standard Toner Cartridge (approx. 2,500 page yield*)
DR350:	Replacement Drum Unit (approx. 12,000 page yield*)
NC2100p:	10/100 BaseT External Network Print Server
NC2200w:	External Wireless Print/Scan Server (802.11b)



\* Based on Brother No.1 Chart with maximum coding at standard resolution in ECM.  
 † Requires additional purchase.  
 ‡ Cables not included.  
 § Approx. yield based on 5% page coverage.  
 ¶ See minimum system requirement chart for details.  
 \* Comes with Starter Toner Cartridge. (approx. 1,500 pages yield @5% page coverage)  
 ‡ May vary by usage type.

For more information please visit our Web site at [www.brother.com](http://www.brother.com)

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