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# MFC-620CN

## MFC-620CN

- Colour Printer
- Colour Fax
- Colour Copier
- Colour Scanner
- PhotoCapture Centre™
- Answering Machine
- Integrated Networking

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# The Brother MFC-620CN.
## With print, fax, copy, scan and answering machine it is the all-in-one communication solution.


Network printing, faxing and scanning


80 Speed dials and a 400 page fax memory


Scanning at up to 19,200dpi Interpolated resolution



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Whether for use in the office or the home you simply won't find a more comprehensive range of functions and features at a more competitive price.

### Stylish and compact – communication made easy

Designed to make big boxes and trailing wires a thing of the past, the MFC-620CN provides all the communication functions you need in one stylish package. A two line, backlit LCD makes everything clear so that you are in full control from the minute you install the machine. With full network connectivity this is a comprehensive solution for any home or small office.

### Quality printing whatever the format

Whether you are printing a simple text document or a complex series of colour charts, quality is guaranteed at speeds that won't leave you frustrated. Thanks to borderless printing and pin sharp definition, photo quality prints are now possible. With full network connectivity there is no need to invest in stand-alone printers for your other laptops or PC's.

- ▬ Up to 1,200 x 6,000dpi print resolution
- ▬ Up to 20ppm mono print speed
- ▬ Up to 15ppm colour print speed
- ▬ 100 sheet front loading paper tray

### Professional quality faxing

The flatbed and automatic document feeder means bound documents are as simple to send as single sheets. A sizeable memory ensures vital fax information won't get lost. Speed dialling makes life easier and the network facility enables documents to be faxed from any connected PC or laptop.

- ▬ Up to 400 page memory
- ▬ Up to 80 speed dials
- ▬ Up to 10 sheet automatic document feeder

### Colour copying with every option covered

The MFC-620CN comes complete with both automatic document feeder and flatbed facility. Copying single sheets or large bound documents can be carried out with minimum fuss and without even having to turn on your PC.

- ▬ Up to 600 x 1,200dpi resolution

### Totally versatile network scanning

The ability to scan documents is a standard feature. This machine also offers outstanding value with its scanning software. It means your network of users can easily scan to e-mail, image, OCR and file.

- ▬ Up to 19,200dpi interpolated resolution
- ▬ ScanSoft® PaperPort® & OmniPage® software included

## Integral speaker-phone and answering machine

Completing the communication line-up for the MFC-620CN, this machine has an integrated duplex speakerphone and telephone answering machine.

- **Hands-free dialling**
- **Stores up to 99 messages**

## PhotoCapture Centre™

With digital photography becoming more and more popular, the MFC-620CN has all you need to enjoy the benefits of this new technology. The media slots allow memory cards to be read without a plug-in card reader or the inconvenience of using the software on your computer to download your pictures. You can study a complete selection of thumbnails before you make your print selection, saving time and expense.

You can also save and retrieve files via your media card, making this an additional and convenient data transfer tool. Full networking capability allows all images to be saved or accessed from any network-connected computer.

The MFC-620CN is compatible with six of the most popular media cards.

- **Compact Flash**™
- **Smartmedia**™
- **Memory Stick**™
- **Memory Stick Pro**™
- **Secure Digital**™
- **xD Picture Card**™

## Individual Ink Cartridges

Eliminating the frustration of having to throw away unused inks, Brother's colour inkjet machines provide separate ink cartridges for each colour. Now all you have to do is replace the empty colour cartridge reducing wastage and the cost per copy.

**Cost-effective individual ink cartridges**

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# Technical Specification

## General

| | | |
|---|---|---|
| Engine | | Inkjet |
| Backlit LCD Display | | 2 lines x 16 characters with Back light |
| Illuminated Function Keys | | Fax, Copy, Scan, Message Manager and PhotoCapture Centre function keys are illuminated for ease of use |
| Memory Capacity | | 16MB standard |
| Paper handling size | | A4, LTR, LGL, EXE, A5, A6, Postcard, Envelope + additional sizes |
| ADF (Automatic Document Feeder) | | Up to 10 sheets |
| Media Type | | Plain, Inkjet, Glossy, Transparency |
| Paper Capacity | Input Tray/Output | Up to 100 sheets/Up to 25 sheets |
| Simultaneous Operation | | (Print/Fax) (Print/Scan) (Print/Copy) (Fax/Copy) |

## Colour Printer

| | |
|---|---|
| Speed | Up to 20ppm mono & 15ppm colour |
| Resolution | Max.1,200 x 6,000dpi |
| Borderless Printing | Borderless printing is available for A4/LTR/A6/Photo Card/Index Card/Post Card |
| Variable drop size | 3 sizes for variable dot print with minimum droplet size of 3pL for enhanced quality printing |

## Colour Fax

| | |
|---|---|
| Modem | 14.4kbps - Approx 6 seconds transmission |
| Data Compression | Mono: MH / MR / MMR  Colour: JPEG |
| Automatic redial | Automatic redial if the recipient fax is busy |
| Speed dials | 80 locations for pre-stored numbers |
| Group dials | Up to 6 groups |
| Fax / Tel switch | Automatic recognition of fax and telephone reception |
| Grey scale | 256 shades of grey |
| Transmit/Receive Memory | Up to 400 pages (ITU-T Test Chart No 1) |
| Broadcasting locations | Send the same fax message to up to 130 locations |
| Dual Access | Scan a fax for transmission whilst receiving a fax (black & white only) |

## Message Manager

| | |
|---|---|
| Message Manager | Electronic messaging facilty for faxes and voice mail |
| Out Going Message | Up to 20 seconds |
| Incoming Message | Up to 99 messages depending on length of message. User can set at 30, 60, 12 or 180 seconds |

## Colour Copier

| | |
|---|---|
| Speed | Up to 17ppm mono & 11ppm colour |
| Resolution | Up to 600 x 1,200dpi |
| 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 (A4 only) |

## Colour Scanner

| | | |
|---|---|---|
| Resolution | Optical | Max. 600 x 2,400dpi |
| | Interpolated | Max. 19,200 x 19,200dpi (with XP special tool) |
| Scan speed | | Scan speed is from 4 seconds Mono and from 6 seconds Colour (A4 size, 100 x 100dpi) |
| Grey Scale | | 256 shades of grey |
| Colour Depth | Input/Output | 36/24 bit |
| 'Scan' key | | Allows the user to scan to e-mail, OCR, Image, File or Card |

## Interface(s)

| | |
|---|---|
| USB | USB 1.1 & 2.0 Full Speed connectivity as standard |
| External TAD Interface | Interface for connecting external telephone answering devices |
| Network Interface as standard | This model is supplied with a built in 10/100BASE-TX network interface |
| Optional Wireless Network | NC-2200w wireless USB Print/Scan Server is available as an option with this model |
| Media Card Drive Acceptable Media Cards | SmartMedia, Compact Flash, Sony Memory Stick, Sony Memory Stick Pro, Secure Digital, xD Picture Card |

## Supplies - Individual Ink Cartridges

| | | |
|---|---|---|
| Supplied with standard yield cartridges. Pages in normal mode @ 5% coverage | Black | LC-900BK - approx 500 pages |
| | Cyan | LC-900C - approx 400 pages |
| | Magenta | LC-900M - approx 400 pages |
| | Yellow | LC-900Y - approx 400 pages |

## Weights & Dimensions

| | | |
|---|---|---|
| Dimensions / Weight | With Carton | 500(w) x 225(d) x 450(h) mm / 8.6kg |
| | Without Carton (open tray) | 375(w) x 455(d) x 165(h) mm / 6.0kg |

## PhotoCapture Centre™

| | | |
|---|---|---|
| Acceptable Media | SmartMedia | 3.3v   4MB - 128MB |
| | Compact Flash | Type 1 only - 4MB - 2GB |
| | Memory Stick | 16MB - 128MB (Duo with Adaptor) |
| | Memory Stick Pro | 256MB - 1GB |
| | Secure Digital | 16MB - 512MB (Mini SD with Adaptor) |
| | xD Picture Card | 16MB - 512MB |
| Removable Disk Drive | Save & Retrieve files | Using any of the above listed media cards |
| Image format | Photo Print | JPEG |
| | Scan to Card | JPEG, PDF (colour) / TIFF, PDF (B&W) |
| Colour Enhancement | | Brother image enhancement allows you to custom colour output |

## Network as standard

| | |
|---|---|
| Built in Network | 10/100Base-TX Ethernet |
| Network Functions | Printing, Scanning, PC-Fax and PhotoCapture Centre™ |
| Network PhotoCapture Centre™ | View media card images through a LAN using Web browsing |

| MFC-620CN | Scanner Resolution Upto DPI | TWAIN/ WIA Driver | Scan to Image | Scan to E-mail | Scan to OCR | Scan to File | PhotoCapture Centre™ | Brother PC-FAX Send | Brother PC-FAX Receive | Printer Driver | Brother Control Centre 2.0 | Remote Setup | Status Monitor | Newsoft® Presto® Page Manager® | ScanSoft® PaperPort® 9.0SE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Microsoft Windows®** | | | | | | | | | | | | | | | |
| 98(SE)/Me | 19200x19200 | TWAIN | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓* | ✓ | ✓* | ✓* | ✓ | | ✓ |
| 2000 Professional | 19200x19200 | TWAIN | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓* | ✓ | ✓* | ✓* | ✓ | | ✓ |
| XP | 1200x1200** | WIA | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓* | ✓ | ✓ | ✓* | ✓ | | ✓ |
| **Macintosh®** | | | | | | | | | | | | | | | |
| OS 8.6 | | | | | | | | ✓ | | ✓ | | | | ✓* | |
| OS 9.x | 19200x19200 | TWAIN* | | | ✓ | ✓ | ✓ | ✓ | | ✓ | | | | ✓* | |
| OS 10.2.4 or greater | 19200x19200 | TWAIN | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓* | ✓ | ✓ | | | ✓ | |

## MINIMUM SYSTEM REQUIREMENTS / AVAILABLE HARD DISK SPACE

| COMPUTING SYSTEM | OPERATING SYSTEM VERSION | PC INTERFACE | PROCESSOR SPEED | MINIMUM RAM | RECOMMENDED RAM | For Drivers | For Applications |
|---|---|---|---|---|---|---|---|
| **WINDOWS®** | 98 (SE) | USB | Pentium® II or equivalent | 32 MB | 64 MB | 90 MB | 130 MB |
| | Me | | | 32 MB | 64 MB | 90 MB | 130 MB |
| | 2000 Professional | 10/100 BASE-TX | | 64 MB | 128 MB | 90 MB | 130 MB |
| | XP | | | 128MB | 256 MB | 150 MB | 220 MB |
| **MAC®** | OS 8.6 - OS 9.2 | | All base models meet minimum requirements | | 64 MB | 80MB | 200 MB |
| | OS 10.2.4 or greater | | All base models meet minimum requirements | 128 MB | 160 MB | 80 MB | 200 MB |

* These features are not available via the network    ** Brother Scanner Utility enables to enhance up to 19,200 x 19,200dpi

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