

brother®
at your side

MFC-9450CDN

5-in-1 Colour Laser Multi-Function Centre
with Network Capability and Duplex
Print • Fax • Copy • Scan • PC Fax

High Performance Business Colour Laser Multi-Function Centre



Print Speed -
20ppm (Monochrome)
20ppm (Colour)



Colour Copy



Colour Scan



2,400 x 600 dpi
Print Resolution



Super G3 Fax



Duplex
Printing



Network
Ready



Automatic
Document
Feeder



Cost-Saving
Separate Toner &
Drum Technology

Network Ready Versatile Multi-Function Centre with Fax and Duplex Function



Brother's new colour laser Multi-Function Centre (MFC), MFC-9450CDN is the answer to the business environment.

The versatile machine is able to perform, in full colour, high-speed printing, copying, scanning and faxing. Further, it even has duplex capabilities; all in a single, compact unit. With a wealth of connectivity and networking options, the MFC-9450CDN allows seamless integration into your existing office infrastructure.



Create Professional Looking Documents in Colours

At a high print speed of up to 20 pages per minute (A4), the MFC-9450CDN produces excellent print quality of up to 2,400 x 600 dpi for professional-looking business documents. Print in colour documents to leave a lasting impression on your business associates.

Effortless Management with the Embedded Web Server

Manage your printer using the Embedded Web Server (EWS), which can be accessed from any web browser. EWS has the following features:

- Auto-detect all Brother printers on the local LAN.
- Dynamically change printer and print server settings (including paper settings, power save settings).
- Custom email notifications to alert when toner levels are running low or when print job errors require rectification.

User-Friendly Interface

Designed for a high ease of use, the MFC-9450CDN has an intuitive control panel conveniently placed for easy operation of scan and copy functions.



Easy Network Integration

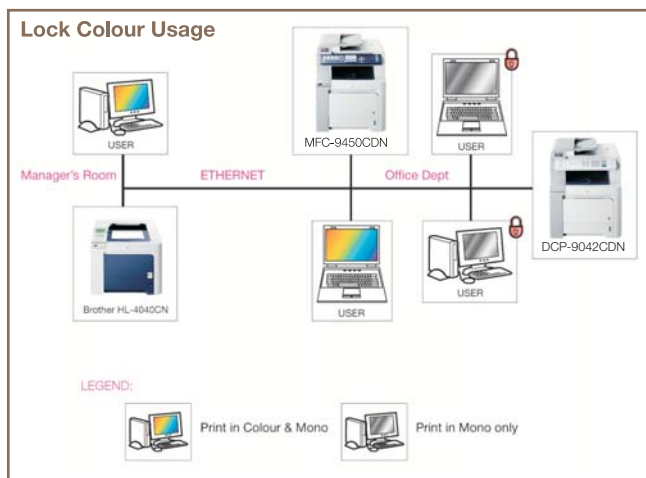
The MFC-9450CDN is equipped with a 10/100 Base-TX Ethernet Card to enable seamless integration with your existing IT infrastructure. Connecting the printer to a LAN environment lets you share the printing function with your work team.

Reduced Paper Usage with Duplex Function

With the built-in duplex function, you can now print two sides on a sheet automatically. This reduces twice the amount of paper usage, paper cost and help conserve environment resources.

Prevent Unauthorised Colour Usage

The Lock Colour Usage feature in the MFC-9450CDN allows administrators to prevent unauthorised colour printing.



High Functionality Scanning

The flat-bed design and one-touch 'Scan' button makes it easy to obtain high-quality scans of up to 1,200 x 2,400 dpi resolution (Optical/From Glass). It also provides the following convenient scanning features:

- **Scan to File** saves your scanned document as a specific file type to a pre-defined folder.
- **Scan to Image** loads your scanned image to the selected imaging or photo application so you can save, print or edit the original image.
- **Scan to E-Mail** lets you send email with the scanned image as an attachment.
- **Scan to FTP*** allows you to scan and upload your document to a designated FTP folder.
- **Scan to OCR** automatically detects text documents and scans it into an editable rich text format.
- **Scan to USB** saves your scanned documents to a USB storage media connected to the printer.

*File Transfer Protocol – Up to 10 FTP sites can be preset so users can select the pre-configured profile easy via the MFC's keypad.

High Performance Copying

Expect brilliant high quality colour copies with the MFC-9450CDN at 16 copies per minute (A4) at a copy resolution of up to 1,200 x 600 dpi. With a first copy output time of less than 21 seconds*, copying of A4 sized documents is fast and made easier with the 35-sheet Automated Document Feeder (ADF). The convenient stacking and sorting feature automatically collates your printed documents.

*Monochrome copy. First copy out time in full-colour is less than 23 seconds.

Easy Replacement of Paper and Cartridges

The MFC-9450CDN is designed for full frontal operation. This means that changing of consumables and loading of paper are all done through the front of the printer, giving you a greater level of convenience.



Reduce Toner Usage

You can select Toner Save Mode for printing draft documents, so as to reduce toner usage for non-important printouts.

Productivity Gains

Designed to give you high yield outputs, Brother's separate toners and drum technology helps further increase your office productivity by allowing you to continue with monochrome printing when any of the cyan, magenta or yellow toner cartridges runs low.

Save on Power

Save power by manually setting the sleep time of your MFC on the driver, or select 'auto' to let the printer's intelligent sleep function analyse the printing frequency and time to determine the most appropriate time to activate sleep mode.

Intelligent Fax Features

With the built-in Super G3 fax modem, fax can be transmitted at just approximately 2 seconds per page. Fax memory of up to 400 pages* ensures your messages get through even when the MFC runs out of paper. You can also send PC-faxes which saves you both time and resources.

*ITU-T Test Page at Standard Resolution on A4 size paper, JBIG.

Print Directly from USB Device or PictBridge™ - Compatible Camera

Access business documents and files directly from USB media devices like portable hard disks and USB flash drive with the built-in USB interface. Print photos directly from your digital camera with PictBridge™ interface without the use of a PC for convenience.

*Direct Print supports the following file formats – PDF ver. 1.6, JPEG, Exif+JPEG, PRN and TIFF.

Secure Print

With a secure print function, you can preset a password with your print job and activate printing only when you are at the printer. This prevents unauthorised personnel from picking up a confidential document.



MFC-9450CDN Specifications

General	
Technology	Electrophotographic (Single-pass)
Simultaneous Operation	Print/Fax, Print/Scan, Print/Copy, Fax/Copy
Print	
Print Speed (Monochrome & Colour)	Up to 20ppm / 21ppm (A4/Letter)
Duplex Feature	Built-in
Resolution	600 x 600 dpi, 2,400 dpi (2,400 x 600) quality
First Print Out Time (Monochrome/Colour)	Less than 16 secs / Less than 17 secs (From Ready Mode, Standard Tray)
Emulation	PCL®6 / BR-Script 3
Resident Fonts	Bitmap Font: Gothic 16.66, OCR-A, OCR-B, Scalable Font: 66 fonts, 13 barcodes / 66 fonts
Fax	
Modem Speed	33.6Kbps
Transmission Speed	Approx. 2 secs*
ITU-T Group	Super G3
Coding Method	MH / MR / MMR / JBIG / JPEG
Colour FAX Document	Send & Receive
Fax / Tel Switch	Yes
Automatic Redial	Yes
One-Touch Dials	16 (8 x 2) locations
Speed Dials	300 locations
Group Dials	Up to 20 groups
Broadcasting Locations	Up to 366 locations (One-Touch Dial + Speed Dial + Manual Broadcasting)
Manual Broadcasting	Up to 50 locations
Quick Scan (Memory Transmission)	Approx. 2 secs per A4 page+
Auto Reduction	Yes
Error Correction Mode (ECM)	Yes
Super Fine	Yes (TX & RX)
Grey Scale	8bit / 256
Memory Transmission	Up to 400 pages^
Out-of-Paper Reception	Up to 400 pages^
Fax Forwarding	Yes
Fax Retrieval	Yes
Remote Access	Yes
Dual Access	Yes
Delayed Timer	Yes - up to 50 faxes
Polling	Yes (EUR Secure Polling)
Lists / Reports	Activity Report, Journal Report, Transmission Verification Report, Super Cover Page+, Help List, System Setup (User Setting) List, Order Form
PC Fax	
Sending	Yes, available for Windows® and Macintosh & Linux
Receiving	Yes, available for Windows® only
Copy	
Copy Speed	Up to 16 cpm/17 cpm (A4/Letter)
Copy Resolution	Max. 1,200 x 600 dpi
First Copy Out Time (Monochrome/Colour)	Less than 21 secs / Less than 23 secs
Multi Copy (Stack)	Up to 99 sheets
Multi Copy (Sort)	Yes
Enlargement/Reduction Ratio	25% - 400% in 1% increments
N in 1	Yes
Scan	
Scan Resolution (Monochrome/Colour)	Max. 1,200 x 2,400 dpi (From Glass) / Max. 1,200 x 600dpi (From ADF)
Colour Depth	48-bit/24-bit
Document Size	A4/Letter (From Glass) / Legal (ADF)
Scan Type	Scan to Email, Image, OCR, File, FTP, USB
Control Panel	
Display	1-colour (white) backlit LCD display with 2-lines, 16 characters 2 LEDs (Data & Direct)
Buttons	[Print] Direct, Secure, Job Cancel [Copy] Options, Enlarge/Reduce [Scan] One-touch Scan key [Fax] Hook, Redial/Pause, Resolution Numeric Key Pad
USB Direct Interface	
PictBridge	Yes
USB Direct Print	Yes
File Formats	PDF ver. 1.6, JPEG, Exif+JPEG, PRN, TIFF

Controller	
Processor	300MHz
Memory Capacity	64MB (Expandable up to 576MB)
Interface	Hi-Speed USB 2.0
Network (Built-in)	Ethernet 10/100 Base-TX
Network Management Tools	BRAdmin Professional – Brother original Windows® Utility for printer and print server management Web BRAdmin – Server based management utility / Windows® IIS (4.0/5.0) mode only Web Based Management – Printer and print server management through web browser BRAdmin Light – Printer and print server management operates under Windows® and Mac OS® X 10.2.4 or greater Network Remote Setup
Network Security	SSL (Secure Socket Layer)
Protocols	TCP/IP (IPv4) ARP, RARP, BOOTP, DHCP, APiPA(Auto IP), WINS, NetBIOS name resolution, DNS Resolver, mDNS, LPR/LPD, Custom RawPort/Port 9100, IPP, IPPS, FTP Server, SSL/TLS, POP before SMTP, SMTP-AUTH, TELNET, SNMPv1, HTTP/HTTPS server, TFTP client and server, SMTP Client, APOP, LLTD responder, RAW Port (PC Scanner), FTP Client TCP/IP (IPv6) NDP, RA, DNS, mDNS, LPR/LPD, Custom Raw Port/Port 9100, IPP, IPPS, FTP Server, SSL/TLS, POP before SMTP, SMTP-AUTH, TELNET, SNMPv1, HTTP/HTTPS server, TFTP client and server, SMTP Client, APOP, LLTD responder, RAW Port (PC Scanner)
Paper Handling	
Paper Handling Size	Standard Paper Tray – A4, Letter, JISB5, ISOB5, A5, ISOB6, A6, Executive, Legal, Folio Multi-Purpose Tray – Width 69.8mm to 216mm, Length 116mm to 406.4mm Optional Tray – A4, Letter, JISB5, ISOB5, A5, ISOB6, Executive, Legal, Folio
Paper Input Capacity	Standard Paper Tray – 250 sheets (plain) Multi-Purpose Tray – 50 sheets / 3 sheets (envelope) Optional Tray – 500 sheets
Paper Output Capacity	150 sheet (face down)
Automatic Document Feeder (ADF)	Up to 35 sheets
Media Specifications	
Media Types	Standard Paper Tray – Plain, Recycled Paper Multi-Purpose Tray – Plain, Thick Paper, Recycled Paper, Bond, Label, Postcard, Envelope Optional Tray – Plain, Recycled Paper
Media Weights	Standard Paper Tray – 60 to 105g/m2 (16 to 28lb) Multi-Purpose Tray – 60 to 163g/m2 (16 to 43lb) Optional Tray – 60 to 105g/m2 (16 to 28lb)
Media Sizes	Standard Paper Tray – A4, Letter, JISB5, ISOB5, A5, ISOB6, A6, Executive, Legal, Folio Multi-Purpose Tray – Width 69.8mm to 216mm, Length 116mm to 406.4mm Optional Tray – A4, Letter, JISB5, ISOB5, A5, ISOB6, Executive, Legal, Folio
Software	
Printer Driver Support	Host-based for Windows® 2000 Professional, XP Home Edition, XP Professional (XP Professional & X64 Edition), Windows Vista™, Windows Server® 2003 (32-bit & x64 Edition), Macintosh printer driver for Mac OS® X 10.2.4 or greater Linux printer driver for CUPS & LPD/LPRing printing system (x86 & x64 environment)
Printer Driver Features	N-up Printing – Compress up to 2, 4, 9, 16 or 25 pages onto one single sheet Poster Printing – Enlarge an image to print on 2x2, 3x3, 4x4 or 5x5 onto a single sheet Watermark Printing Booklet Printing – Manual duplex option available Secure Print
Utilities	Colour restriction & colour control tools from printer driver Driver Deployment Wizard – Guides you through the steps of installing a Brother network printer on a networked Windows® PC
Web Download Utilities	http://solutions.brother.com See above list of Network Management Tools
Dimensions/Weight	
Dimensions	432(W) x 487(D) x 482(H) mm
Weight	Approx. 33.6kg
Others	
Power Consumption	Copying – Average 495W Standby – Average 95W Sleep – Average 28W
Noise Level	Printing Mode: Less than 55dBA Standby Mode: Less than 30dBA
Ecology	Power Save & Toner Save modes

Minimum System Requirements					
Computer Disk	Platform & Operating System	Interface	Minimum Processor	Recommended RAM	Required Hard Space
Windows®	Windows® 2000 Professional	USB, Ethernet	Intel® Pentium® or equivalent	256 MB	460 MB
	Windows® XP Home, Windows® XP Professional, Windows Vista™				
	Windows Server® 2003	Ethernet	Intel® Pentium® 4 or equivalent 64-bit supported CPU	1 GB	1 GB
	Windows® XP Professional x64 Edition, Windows Server® 2003 X64 Edition	USB, Ethernet	Intel® Pentium® III or equivalent, AMD Opteron™, AMD Athlon™ 64, Intel® Xeon® with Intel® EM64T, Intel® Pentium® 4 with Intel® EM64T or equivalent	512 MB	460MB, 50 MB
Macintosh®	Mac OS® X 10.2.4 or greater	USB ¹ , Ethernet	PowerPC G4/G5, Intel® Core™ Solo/Duo, PowerPC G3 350MHz	160 MB	480 MB

Consumables	Model No.	Page Yield ² (Approx.)
Standard Toner Black	TN-150BK	2,500 pages
Standard Toner Colour (C,M,Y)	TN-150C, TN-150M, TN-150Y	1,500 pages
High Yield Toner Black	TN-155BK	5,000 pages
High Yield Toner Colour (C,M,Y)	TN-155C, TN-155M, TN-155Y	4,000 pages
Drum	DR-150CL	17,000 pages (one page per job)
Belt Unit	BU-100CL	Up to 50,000 pages at 5 pages per job
Waste Toner Box	WT-100CL	20,000 pages ³
Optional Lower Tray	LT-100CL	500 pages (paper capacity)

For more information regarding systems requirements, please visit <http://solutions.brother.com>

As a precaution, please note that your machine warranty may not cover any damages arising from the use of non-genuine Brother consumables.

- Third Party USB ports are not supported.
- Based on A4 plain paper printing at 5% coverage.
- Based on A4 plain paper printing at 5% coverage per C/M/Y/K toner.

For the latest driver updates, visit www.brother.com.



Brother strongly recommends the use of genuine Brother consumable products only. Benefits include better quality prints, greater yields per consumable, protection of your machine from damages and achievement of optimum performance. As a precaution, please note that your machine warranty may not cover any damages arising from the use of non-genuine consumables.

* Brother #1 Chart at standard resolution on A4 size paper, JBIG.
^ ITU-T Test Page at standard resolution on A4 size paper, JBIG.
+ Not available for colour fax.



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