

MFC-9840CDW Specifications



GENERAL	
Technology	Electrophotographic (Single-pass)
Simultaneous Operation	Print/Fax, Print/Scan, Print/Copy, Fax/Copy
PRINT	
Print Speed (Mono/Colour)	Up to 20ppm / 21ppm (A4/Letter)
Duplex Print Speed (Mono/Colour)	Up to 7ppm (3.5 sheets per minute) (A4)
Resolution	600 x 600 dpi, 2,400 dpi (2,400 x 600) quality
First Print Out Time	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	33.6k bps
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	40 (20 x 2) locations
Speed Dials	300 locations
Group Dials	Up to 20 groups
Broadcasting Locations	Up to 390 locations (One-Touch Dial + Speed Dial)
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, Telephone Index List (Numeric & Alphanumeric)
PC FAX	
Sending	Yes, available for Windows [®] and Macintosh & Linux
Receiving	Yes, available for Windows [®] only
COPY	
Copy Speed (Mono/Colour)	Up to 16cpm / 17 cpm (A4/Letter)
Copy Resolution	Max. 1,200 x 600 dpi
First Copy Out Time (Mono/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 (Mono/Colour)	Max. 1,200 x 2,400 dpi (From Glass) / 1,200 x 600 dpi (From ADF)
	Max. 19,200 x 19,200 dpi (Enhanced)
Grey Scale	256
Colour Depth	48-bit/24-bit
Document Size	Up to Legal (Duplex scanning from ADF in Legal not available)
Scan Type	Scan to Email, Email Server, Image, OCR, File, FTP, USB
CONTROLLER	
Processor	300MHz
Memory Capacity	128MB (Expandable up to 640MB)
Interface	Hi-Speed USB 2.0
Network (Built-in)	Wireless Ethernet IEEE802.11b/g
Network Interface	NC-6500n Type 2 (Wired), NC-7300W Type2 (Wireless)
Network Management Tools	BRAdmin Professional - Brother original Windows [®] Utility for printer and print server management Web BRAdmin - Server based management utility / Windows [®] IS (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 Security	Network Remote Setup SSL (Secure Socket Layer)

Protocols	TCP/IP (IPv4) APP, 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, LDAP, POP3 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), LDAP, POP3
CONTROL PANEL	
Display	1-colour (white) backlit LCD display with 5-lines, 22 characters 2 LEDs (Status & Direct)
Buttons	[Print] Direct, Secure, Job Cancel [Copy] Contrast/Quality, Enlarge/Reduce, Tray Select, Sort, N in 1 [Scan] One-touch scan key [Fax] Hook, Redial/Pause, Search/Speed Dial, Resolution Duplex Numerical Key Pad
USB DIRECT INTERFACE	
PictBridge	Yes
USB Direct Print	Yes
File Formats	PDF Ver 1.6, JPEG, Exif+JPEG, PRN, TIFF
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, A6, 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 50 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 Duplex - Plain, Thin Paper, Recycled Paper
Media Weights	Standard Paper Tray - 60 to 105g/m ² (16 to 28lb) Multi-Purpose Tray - 60 to 163g/m ² (16 to 43lb) Optional Tray - 60 to 105g/m ² (16 to 28lb) Duplex - 60 to 105g/m ² (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 Duplex - A4, A4 Long, Letter, 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 & LPR/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 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	530(W) x 539(D) x 520(H) mm
Weight	Approx. 38kg
OTHERS	
Power Consumption	Copying - Average 515W Standby - Average 100W Sleep - Average 38W Printing Mode: Less than 54.4dBA Standby Mode: Less than 30dBA
Noise Level	Printing Mode: Less than 54.4dBA Standby Mode: Less than 30dBA
Ecology	Power Save & Toner Save modes
Monthly Print Volume	Approx. 500 to 3,000 pages

* 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.

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	256MB	460 MB
	Windows [®] XP Home, Windows [®] XP Professional, Windows Vista [™]		Intel [®] Pentium [®] 4 or equivalent 64-bit CPU	1 GB	1 GB
	Windows Server [®] 2003	Ethernet	Intel [®] Pentium [®] III or equivalent		50 MB
	Windows [®] XP Professional x64 Edition	USB, Ethernet	AMD Opteron [™] , AMD Athlon [™] 64, Intel [®] Xeon [™] with Intel [®] EM64T, Intel [®] Pentium [®] 4 with Intel [®] EM64T or equivalent	512 MB	460 MB
Windows Server [®] 2003 X64 Edition	Ethernet			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 & Accessories	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	50,000 pages
Waste Toner Box	WT-100CL	20,000 pages ³
Optional Lower Tray	LT-100CL	500 pages (paper capacity)

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

¹ Third Party USB ports are not supported.

³ Based on A4 plain paper printer at 5% coverage per C/M/Y/K toner.

² Based on A4 plain paper printing at 5% coverage.



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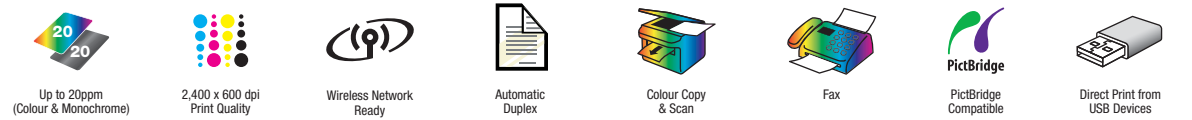


MFC-9840CDW

6-in-1 Wireless Network Ready Business Colour Laser Multi-Function Centre
Print • Fax • Copy • Scan • PC Fax • Internet Fax

THE ONLY INTEGRATED PRINTING SOLUTION YOU WILL EVER NEED

Print, Fax, Copy and Scan with Full Duplex and Wireless Functionality



The Only Integrated Printing Solution You Will Ever Need

Print, Fax, Copy and Scan with Full Duplex & Wireless Functionality

Regardless of industry, businesses today require printing solutions that are both intelligent and scalable. Enter the new Brother MFC-9840CDW. This high-performance multi-functional colour laser printer is not only capable of producing excellent quality printouts at high speeds, it can also perform a full range of copying, scanning, and faxing functions.

With full automatic duplex capability, the MFC-9840CDW helps you save both time and resources. In-built networking and connectivity options also mean the printer's resources can be shared among workgroups, thus increasing office productivity while keeping costs low.

High-Speed Printing with Brilliant Colour Quality
At a print speed of up to 20 pages per minute (A4), the MFC-9840CDW gives you excellent print quality of up to 2400 x 600 dpi, with high levels of contrast and clarity. Printing of your colour documents is not only fast, they are guaranteed to leave a lasting impression on your business associates.



Productivity Gains

Designed to give you high yield outputs, Brother's separate CMKY toners and drum help further reduce your total cost of ownership and maintenance costs by allowing you to continue with monochrome printing when any of the cyan, magenta or yellow toner cartridges runs low or is empty.

Easy Network Integration

Brother understands how high security options and convenient management functions means network operation is fuss-free and helps increase office productivity.

The MFC-9840CDW is equipped with an integrated Wireless Ethernet Card for seamless integration with your existing IT infrastructure. Connecting the printer to a LAN environment lets you share the printing function with your work team wirelessly.

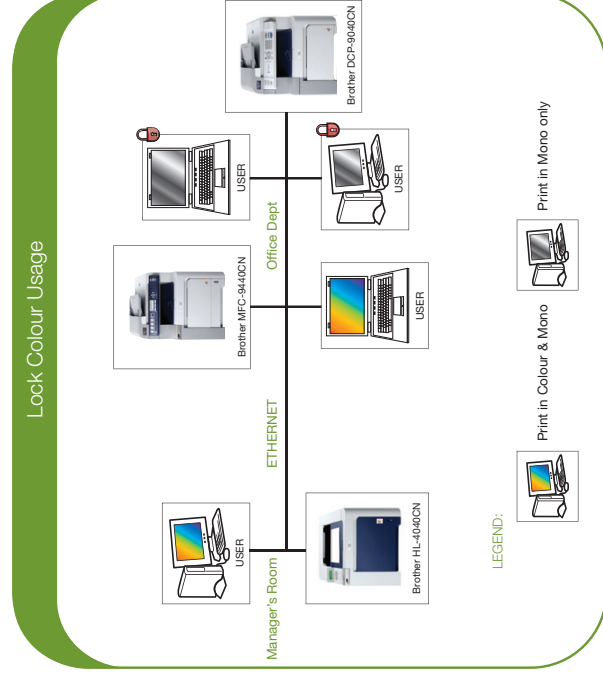
Effortless Management with the Embedded Web Server

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.

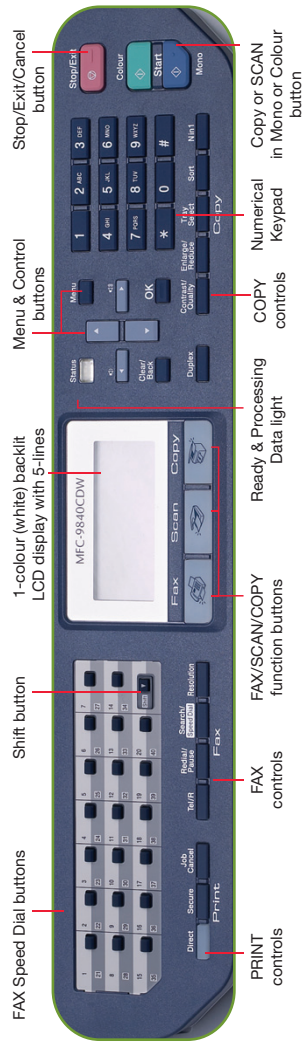
Lock Colour Usage

The Lock Colour Usage feature in the MFC-9840CDW allows administrators to prevent unauthorized colour printing.



Improved Usability

Designed for a high ease of use, the MFC-9840CDW helps streamline your daily office processes with a comprehensive range of functions and features. In addition, it has an intuitive control panel conveniently placed for easy operation of scan, copy and fax functions.



Automatic Duplex Print · Fax · Copy · Scan

Maximise your resources with the MFC-9840CDW's built-in duplex function. This feature lets you produce professional looking double-sided reports or booklets quickly and easily. In addition, duplex copying, scanning and faxing functionality saves you both time and resources, and helps you lower operation costs.

Full Colour Copying Brilliance

Expect brilliant full colour copies with the MFC-9840CDW at 16 copies per minute (A4) and at a copy resolution of max. 1,200 x 600 dpi. With a first copy output time of less than 21 seconds*, copying of A4 size documents is fast and made easier with the 50-sheet automated document feeder. Stacking and sorting features also add to your convenience by automatically collating your printed documents.

*Monochrome copy, FCOT of full-colour copy is less than 23 secs.

Intelligent Fax & I-Fax Features

The MFC-9840CDW's Super G3 fax feature transmits at just approx. 2 seconds per page. Fax memory of up to 400 pages*, assures you your messages get through even when the printer runs out of paper. You can also send PC-faxes which saves you both time and resources.

Also available is the Internet Fax (I-Fax) which sends faxes through the Internet for instantaneous transmission, saving you both time and resources. This gives you easy access to all received faxes on the PC and allows you to keep up-to-date with your faxes even while on-the-go. As received faxes are all stored in the PC, the problem of losing original fax documents is eliminated and junk fax filtering further helps to prevent paper wastage.



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

Toner Save Function

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

Sleep Mode

The intelligent sleep function analyses printing frequency and time to determine the most appropriate time to activate sleep mode, saving you time and power.

Lightweight Directory Access Protocol (LDAP)

The MFC-9840CDW's LDAP function allows users to search for email addresses, phone numbers, fax numbers and other contact information through the WAN/LAN of peripherals that supports LDAP. The search results can then be further filtered down to the relevant contacts for use when utilising the email or fax functions of the printer.

High Functionality Scanning

The MFC-9840CDW's flat-bed design and one-touch 'Scan' button makes it easy to obtain high-quality scans of up to 1200 x 2400 dpi (Optical/Glass). It also provides the following 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 E-Mail Server** sends your scanned document to a server e-mail address via the machine.
- **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.

Print Directly from USB Device or PictBridge- Compatible Camera

The built-in USB interface lets you send files* for printing directly from USB media devices like portable hard disks and flash thumb drives. Full PictBridge compatibility means you can also send photos from your digital camera to the printer for direct printing.



Connect and print photos from your PictBridge-enabled camera

*Direct Print supports the following file formats - PDF, JPEG, EXIF-JPEG, RAW and TIFF.

Full Frontal Operation

The MFC-9840CDW is designed for full frontal operation. This means that changing of consumables and loading of paper are all done through the front of the machine, giving you a greater level of convenience.



Paper Input Trays

Toners & Drum

MFC-9840CDW
6-in-1 Wireless Network Ready Business
Colour Laser Multi-Function Centre
Print · Fax · Copy · Scan · PC Fax · Internet Fax

