

# HIGH SPEED PRINTING PIN SHARP COPYING REMARKABLY LOW RUNNING COSTS



**MFC-9970CDW**  
PROFESSIONAL COLOUR LASER ALL-IN-ONE

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PROFESSIONAL COLOUR LASER ALL-IN-ONE



**28PPM**  
COLOUR PRINT  
& COPY SPEEDS

**WIRELESS  
AND ETHERNET  
NETWORK READY**

**AUTO  
DOUBLE-SIDED  
PRINT, COPY,  
SCAN & FAX**

**300 SHEET  
CAPACITY**  
EXPANDABLE TO 800

**12.7CM  
TOUCHSCREEN  
LCD**

**EASY PRINT  
MANAGEMENT**

**SUPER HIGH  
YIELD TONER**

## INCREASE OFFICE EFFICIENCY

Super-fast printing and copying speeds up the way you work

## SHARE WITH UP TO 10 PEOPLE

Give all your team the benefits of one powerful printer

## SAVE ON PAPER COSTS

Slash paper costs with double-sided printing

## LESS TIME REFILLING

Extra tray capacity for larger documents and print runs

## SAVE TIME

Intuitive LCD touchscreen for easy use

## EASY PRINT MANAGEMENT

Smooth installation and central monitoring for less downtime

## LOWER RUNNING COSTS

Up to 6,000 page toner gives you even more savings

## BEST EVER COLOUR, FASTEST EVER PRINT AND COPY SPEEDS

With its new generation advanced print engine, the MFC-9970CDW delivers stunning, business-enhancing results and real cost savings, fast.

## YOU'RE COVERED

Buy a Brother printer and our UK based team of print specialists are always there to help, advise and support. Whatever you need to know, whenever you need it, online, on the phone or by email.

## GREEN AND CLEAN



- Save up to 75% on paper with the booklet print feature
- Save power with a deep sleep mode of 1.8w and a TEC value of 2.22 kWh/week
- Reduce the need for reprint by using Brother original supplies
- Less packaging – less recycling with the super high yield toner

## **FLEXIBILITY IS KEY TO YOUR BUSINESS SUCCESS – SO SHOULDN'T YOUR PRINTER BE JUST AS FLEXIBLE?**

With robust and comprehensive 4-in-1 capability, the Brother MFC-9970CDW is a combined printer, scanner, copier and fax that's totally flexible to the needs of your business – and here's why:

It's super-fast – delivering up to 28 pages per minute in colour and black and white, with double-sided printing and copying as standard. And with a 50 sheet automatic document feeder plus up to 800 sheet\* paper capacity, it can handle even the biggest jobs ultra-efficiently. The large colour touchscreen LCD allows fast navigation and easy access to all functions. Optional super high yield toners mean even lower running costs and for total security, the MFC-9970CDW has access restriction for controlled usage.

**PERFECT  
FOR**



- Printing, copying and scanning professional, quality documents**
- Office work groups up to 10 users**
- Printing volumes up to 4,000 pages per month**
- Environments where high speed and superior performance matter**
- Creating high-impact graphics**
- Detailed documents with precise reproduction**
- Cost control, security and fleet management**
- Document management with ISIS accreditation**
- Lower running costs**

\* With optional 500 sheet paper tray



# MFC-9970CDW Technical Specifications

## Duplex colour laser printer

**Technology:** Electrophotographic laser printer (singlepass)  
**Laser notice:** Class 1 laser product (IEC60825 -1:2007)  
**Print speed A4:** Up to 28ppm (pages per minute) colour & mono  
**Print speed A4 (duplex):** Up to 14 sides per minute (7 sheets per minute) colour & mono  
**Resolution:** Up to 2,400 x 600dpi print resolution  
**Warm up time:** Less than 33 seconds (from sleep mode)  
**First print out time:** Less than 16 seconds (from ready mode)  
**Emulation:** BR-Script3 (PostScript@3 language emulation)  
**Resident fonts:** PCL6 – 66 scalable fonts, 12 bitmap fonts, 13 barcodes PostScript@3 – compatible fonts: 66  
**Memory capacity:** 256MB – expandable up to 512MB, using industry standard 1 x DDR2 (144 PIN) slot  
**Interface:** Hi-speed USB 2.0  
**Network:** 10/100 Base-TX, wireless LAN IEEE802.11b/g (infrastructure mode / adhoc mode)  
**Easy wireless setup:** Intel Wi-Fi technology, Wi-Fi protected setup™ (WPS), AirStation OneTouch Secure System™ (AOSS), Wi-Fi Certification Mark License  
**Display:** 5" (12.6cm) wide colour touch screen LCD  
**LEDs:** Data LED (green) & error LED (orange)

## Duplex colour copier

**Copy speed A4:** Up to 28cpm colour & mono  
**Resolution:** Up to 1,200 x 600dpi  
**First copy out time:** 21 seconds (colour), 19 seconds (mono)  
**Multi-copying / stack / sort:** Makes up to 99 copies of each page / stacks or sorts  
**Reduction / enlargement ratio:** Reduce and enlarge documents from 25% to 400% using 1% increments  
**N in 1 Copying:** Allows the user to compress 2 or 4 pages on to a single A4 sheet

## Duplex colour fax

**Modem Speed:** 33,600bps Super G3  
**Internet fax\*\*\*:** Fax documents anywhere in the world over the internet without the use of a telephone line  
**Fax/tel switch:** Automatic recognition of fax and telephone reception  
**One-touch dial:** 40 (20 x 2) locations  
**Speed & group dial:** Up to 300 speed locations and up to 20 groups  
**Automatic redial:** Automatically redials number if line is busy  
**Distinctive ring detection:** Ability to detect different ring styles (UK and Denmark only)  
**Fax forward and retrieval:** Forward or retrieve faxes to or from another location  
**Transmit / receive memory:** Up to 500 pages (ITU-T test chart, standard resolution, JBIG)  
**Error correction mode (ECM):** Resending of failed documents when sending fax shares ECM  
**PC-fax:** Send & receive faxes from your PC using a phone line (receiving is for Windows® only)

## Duplex colour scanner

**Resolution:** Up to 1,200 x 2,400dpi (from scanner glass), 1,200 x 600dpi (from ADF)  
**Resolution (enhanced):** Up to 19,200 x 19,200dpi  
**Grey scale:** 256 shades of grey are available for faxing, copying and scanning  
**Colour depth:** 48 bit internal, 24 bit external  
**Scan functions:** Enables users to scan documents to email, image, OCR or file; \*\*When used directly on the network also supports scan to network, scan to FTP and scan to email server, can also scan to USB flash memory drives when the machine has no connection to a PC

## Media specifications

**Media types:** Standard / optional paper tray – plain paper, thin paper, recycled paper; multi-purpose tray-plain paper, thin paper, thick paper, thicker paper, recycled paper, glossy paper, bond, label, envelopes (thick & thin); ADF (automatic document feeder) – plain paper, recycled paper

**Media capacity & weights:** 250 sheet standard paper tray – 60 to 105g/m<sup>2</sup> (16 to 28lb); 500 sheet optional paper tray (LT-300CL) – 60 to 105g/m<sup>2</sup> (16 to 28lb); 50 sheet multi-purpose tray – 60 to 163g/m<sup>2</sup> (16 to 43lb); 50 sheet ADF (automatic document feeder) 64 to 90 g/m<sup>2</sup> (17 to 24lb)

**Media sizes:** Standard / optional paper tray – A4, letter, B5 (ISO/JIS), A5, A5 (long edge), B6 (ISO), A6, executive, legal, folio; multi-purpose tray – width 69.8mm to 216mm, length 116mm to 406.4mm

**Paper output:** 150 sheets (face down); 1 sheet (face up) straight paper path

## Printer driver software

**Windows®:** Windows® 7 (32 & 64 bit editions), Windows Vista® (32 & 64 bit editions), Windows® XP Home Edition, Windows® XP Professional (32 & 64 bit editions), Windows® 2000 Professional, Windows Server® 2003 (network only) / 32 & 64 bit editions, Windows Server® 2008 (network only / 32 & 64 bit editions), Windows Server® 2008 R2 (network only)

## Printer driver software (continued)

**Macintosh:** Mac OS X 10.4.11, 10.5.x, 10.6.x  
**Linux\*\*:** CUPS printing system (x86, x64 environment), LPD/LPRng printing system (x86, x64 environment)  
**Printer driver functions**  
**N-up printing:** Save paper reducing 2, 4, 9, 16 or 25 A4 pages to 1 A4 page  
**Poster printing:** Enlarge 1 A4 page into a poster using 4, 9, 16 or 25 A4 pages for a bigger impact  
**Watermark printing†:** Add predefined text or user-defined messages to your documents as a watermark  
**Booklet printing†:** Print easy-to-read, professional documents in A5 booklet format using automatic duplex  
**Secure print†††:** Protect your print jobs with a PIN  
**Colour control tool:** Edit the colour settings in the printer driver to get accurate colours every time  
**Colour restriction tool†:** Colour printing can be restricted for individual users by an administrator to control costs  
**Header and footer†:** Print the time & date and / or the user ID on the documents

## Network

**Web based management:** Web browser print server management  
**Driver deployment wizard:** A quick and easy way to deploy Brother printer drivers on a networked Windows® PC  
**BRAdmin Light:** Print server management for Windows® and Mac OS X 10.4.11, 10.5.x, 10.6.x  
**BRAdmin Professional\*\*\*:** For LAN/WAN management  
**Protocols:** TCP/IP (IPv4 & IPv6)  
**IPv4 supported protocols:** ARP, RARP, BOOTP, DHCP, APIPA (auto IP), WINS/NetBIOS name resolution, DNS resolver, mDNS, LLNMR responder, LPR/LPD, custom raw Port/Port9100, POP3, SMTP client with SSL, FTP client & server, LDAP client, CIFS client, TELNET server, SNMPv1/v2c/v3, HTTP/HTTPS server, SSL/TLS, IPP/PPS, TFTP client and server, LLTD responder, WebServicePrint, SNTIP

**IPv6 supported protocols:** NDP, RA, DNS resolver, mDNS, LLNMR responder, LPR/LPD, custom raw Port/Port9100, IPP/PPS, FTP client and server, CIFS client, TELNET server, SNMPv1/v2c/v3, HTTP/HTTPS server, TFTP client and server, POP3, SMTP client, ICMPv6, SNTIP client, LLTD responder, WebServicePrint

**Wired network security:** APOP, POP before SMTP, SMTP-AUTH, SSL/TLS (PPS, HTTPS, SMTP, POP), SNMP v3, 802.1x (EAP-MD5, EAP-FAST, PEAP, EAP-TLS, EAP-TTLS), Kerberos  
**Wireless network security:** WEP 64/128 bit, WPA-PSK (TKIP/AES), WPA2-PSK (AES), APOP, POP before SMTP, SMTP-AUTH, SSL/TLS (PPS, HTTPS, SMTP, POP), SNMP v3, 802.1x (EAP-FAST, PEAP, EAP-TLS, EAP-TTLS), Kerberos

## Supplies

**Inbox toners:** 2,500 pages\* BK; 1,500 pages\* CM/Y  
**Standard toner black (TN-320BK):** 2,500 pages\*  
**Standard toner colour (TN-320C/M/Y):** 1,500 pages\*  
**High yield toner black (TN-325BK):** 4,000 pages\*  
**High yield toner colour (TN-325C/M/Y):** 3,500 pages\*  
**Super high yield black (TN-328BK):** 6,000 pages\*  
**Super high yield colour (TN-328C/M/Y):** 6,000 pages\*  
**Drum unit (DR-320CL):** 25,000 A4 pages  
**Belt unit (BU-300CL):** Up to 50,000 pages  
**Waste toner box (WT-300CL):** Up to 50,000 pages  
**Dimensions / weight**  
**With carton:** 663(W) x 699(D) x 694(H)mm / 34kg  
**Without carton:** 490(W) x 526(D) x 530(H)mm / 28.5kg

## Others

**Power consumption:** 615W copying, 75W ready, 1.8W deep sleep, 10W sleep (when wireless is enabled)  
**TEC value:** 2.22kWh  
**Noise level:** Sound pressure – less than 57dBA when printing, less than 33dBA in ready; sound power – less than 6.7B when printing, less than 4.21B in ready  
**Ecology:** Power save – consume less energy when not in use; toner save – reduces toner usage  
**Recommended monthly print volume:** 750 to 4,000 pages

\*Declared yield value in accordance with ISO/IEC 19798 \*\*Requires Brother Software  
†Optional free download available from <http://solutions.brother.com>  
††Windows® & Apple Macintosh only

## Contact:

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