

# MFC-9340CDW

High speed all-in-one colour printer with 2-sided print, scan, copy, fax & Wi-Fi

## Complete all-in-one performance with the brilliance of colour.

Introducing the ultimate office solution for a growing business, Brother's next generation in colour LED printers is designed for high performance and better value. This competitive all-in-one provides high quality print, copy, scan and fax capabilities and a range of innovative features that will benefit even the busiest office.

It's one of the fastest printers in its class, printing an impressive 22 pages per minute and at high definition for the best results. It's well connected, with complete flexibility to print from USB, web based devices including Apple AirPrint and Google Cloud Print and mobile printing.

Built in wireless networking ensures you can share resources across the office, reducing hardware and running costs. And with a low power consumption and high yield colour cartridges for a low cost per page, it provides you with a cost effective colour printing option. What's more, it's packed full of time and money-saving features, with 2-sided printing and 2-sided automatic document feeder, robust design for complete reliability and a 9.3cm colour touch screen for ease of use.



## TOP FEATURES:

- Save time with fast 22ppm mono/colour printing
- Save paper with automatic 2-sided printing as standard
- Flexible paper handling with 250 sheet paper capacity and single sheet bypass tray
- Faster and more secure 802.11n wireless connection or connect to your network via the built-in Ethernet, or to your PC with high speed USB 2.0
- Effortless mobile connectivity enables printing and scanning direct from your Apple iOS, Android, Windows Phone or Blackberry device
- Lower operational costs with optional high yield colour supplies
- Print professional colour documents with output of up to 2,400 x 600dpi resolution

## SUPPLIES/WARRANTY:

|                    |  |
|--------------------|--|
| <b>Toner</b>       |  |
| Black              | TN-241BK<br>Approx 2500 pages*               |
| Cyan               | TN-241C/ TN-245C<br>Approx 1400/ 2200 pages* |
| Magenta            | TN-241M/ TN-245M<br>Approx 1400/ 2200 pages* |
| Yellow             | TN-241Y/ TN245Y<br>Approx 1400/ 2200 pages*  |
| <b>Drum</b>        | DR-241CL (15,000 pages @ 1 page per job)     |
| <b>Belt</b>        | BU-220CL (Up to 50,000 pages)                |
| <b>Waste Toner</b> | WT-220CL (Up to 50,000 pages)                |

\*Approx. cartridge yield is declared in accordance with ISO/IEC19798 ([www.brother.com/pageyield](http://www.brother.com/pageyield))



## General

|                                   |                                 |
|-----------------------------------|---------------------------------|
| <b>Technology</b>                 | Electrophotographic LED Printer |
| <b>Processor</b>                  | 333MHz                          |
| <b>Local Interface</b>            | Hi-Speed USB 2.0                |
| <b>Wired Network Interface</b>    | Ethernet 10Base-T/100Base-TX    |
| <b>Wireless Network Interface</b> | IEEE 802.11b/g/n                |
| <b>Memory</b>                     | 256MB                           |
| <b>Colour Touch Screen</b>        | 9.3cm TFT                       |

## Colour Printer

|                                    |  |
|------------------------------------|--|
| <b>Automatic 2-Sided Printing</b>  | Print on to both sides of the paper automatically  |
| <b>Print Speed Standard (A4)</b>   | 22ppm (pages per minute) colour & mono   |
| <b>Print Speed 2-Sided (A4)</b>    | 7 sides per minute (3.5 sheets per minute) colour & mono   |
| <b>Resolution</b>                  | 2,400dpi (2,400 x 600dpi <sup>7</sup> ), 600 x 600dpi  |
| <b>FPOT (First Print Out Time)</b> | Less than 16 seconds colour & mono from ready mode   |
| <b>Warm-Up Time</b>                | Less than 24 seconds from sleep mode   |
| <b>Print Languages</b>             | PCL6, BR-Script3 (Postscript®3™ Language Emulation)  |
| <b>Embedded Fonts (PCL)</b>        | 66 scalable fonts, 12 bitmap fonts, 13 barcodes  |
| <b>Embedded Fonts (Postscript)</b> | 66 scalable fonts  |
| <b>Embedded Barcodes (PCL)</b>     | Code39, Interleaved 2 of 5, FIM(US-PostNet), Post Net(US-PostNet), EAN-8, EAN-13, UPC-A, UPC-E, Codabar, ISBN(EAN), ISBN(UPC-E), Code128(set A, set B, set C), EAN128(set A, set B, set C) |

## Driver Compatibility

|  |   |
|--|---|
| <b>Windows®</b>                            | Windows 8® (32 & 64 bit editions)<br>Windows 7® (32 & 64 bit editions)<br>Windows Vista® (32 & 64 bit editions)<br>Windows® XP Professional (32 & 64 bit editions)<br>Windows® XP Home Edition<br>Windows® Server 2012 & 2008R2 <sup>4</sup><br>Windows® Server 2008 (32 & 64 bit editions) <sup>4</sup><br>Windows® Server 2003 (32 & 64 bit editions) <sup>4</sup><br><sup>4</sup> Windows® Server supports network printing only |
| <b>Macintosh</b>                           | Mac OS X 10.6.8, 10.7.x, 10.8.x   |
| <b>Linux<sup>5</sup></b>                   | CUPS, LPD/LPRng (x86/x64 environment)   |
| <b>Postscript Universal Printer Driver</b> | Driver for Windows® that enables you to print to any network-connected Brother laser printer that supports Postscript   |
| <b>Mac Universal Driver</b>                | Driver for Mac that enables you to print to any network-connected Brother laser printer that supports Postscript  |

<sup>1</sup>Approx declared yield value in accordance with ISO/IEC 19798

<sup>2</sup>Calculated with 80g/m<sup>2</sup> paper

<sup>3</sup>Windows® & Mac® only

<sup>4</sup>Windows® only

<sup>5</sup>Optional free download from the Brother Solutions Centre <http://solutions.brother.com>

<sup>6</sup>Must be web connected

<sup>7</sup>Vertical x horizontal

<sup>8</sup>Requires Brother software

<sup>9</sup>Maximum number of printed pages per month can be used to compare designed durability between like Brother products. For maximum printer life, it is best to choose a printer with a duty cycle that far exceeds your print requirements

## Printer Functions

|   |   |
|---|---|
| <b>N-up Printing<sup>3</sup></b>        | Reduce up to 2, 4, 9, 16 or 25 A4 pages into just one A4 page (Mac, up to 2, 4, 6, 9, or 16)    |
| <b>Poster Printing<sup>4</sup></b>      | Enlarge 1 A4 page into a poster using 4, 9, 16 or 25 A4 pages                                   |
| <b>Watermark Printing<sup>4</sup></b>   | Watermark your documents with predefined text or with your own user-defined messages            |
| <b>ID Printing<sup>4</sup></b>          | Add identification to your printed documents (date & time, short custom message or PC username) |
| <b>Automatic 2-Sided Print</b>          | Print on to both sides of the paper automatically   |
| <b>Manual 2-Sided Print<sup>4</sup></b> | Manual 2-sided printing (recommended for media not supported by automatic 2-sided print)        |
| <b>Booklet Printing<sup>4</sup></b>     | Print documents in A5 booklet format using automatic or manual 2-sided print                    |
| <b>Skip Blank Page<sup>4</sup></b>      | Ignores any blank pages in your documents   |
| <b>Print Profiles<sup>3</sup></b>       | Store your favourite driver settings as profiles to easily recall them                          |
| <b>Print Text In Black<sup>4</sup></b>  | Converts all text in your documents to black when printed                                       |

## Mobile / Web Based Printing & Scanning

|   |   |
|---|---|
| <b>iPrint&amp;Scan (Android)</b>              | Print directly from or scan directly to a smart phone or tablet running the Android Operating System  |
| <b>iPrint&amp;Scan (iPad / iPhone / iPod)</b> | Print directly from or scan directly to an iPad / iPhone / iPod   |
| <b>iPrint&amp;Scan (Windows® Phone 7)</b>     | Print directly from or scan directly to a smart phone running the Windows® Phone 7 Operating System   |
| <b>Google Cloud Print<sup>6</sup></b>         | Print most common file types from any Google Cloud Print enabled application  |
| <b>Apple AirPrint</b>                         | Print most common file types from any Apple AirPrint enabled application  |
| <b>Cortado Cloud Print<sup>6</sup></b>        | Print most common file types from any smart phone, tablet or PC running Cortado applications that support Cortado Cloud Print   |
| <b>Cloud Support<sup>6</sup></b>              | Scan and upload files directly to and print directly from Google Docs, Facebook, Flickr, Picassa, Dropbox & Evernote  |
| <b>USB Host</b>                               | Print directly from a USB flash memory drive. The supported file formats include: PDF version 1.7, JPEG, Exif+JPEG, PRN (created by own printer driver), TIFF (scanned by Brother model), XPS version 1.0 |
| <b>Direct Print</b>                           | Print directly from a USB flash memory drive. The supported file formats include: PDF, PDF/A, Secure PDF, Signed PDF, JPEG, XPS, TIFF   |
| <b>Direct Scan</b>                            | Scan directly to a USB flash memory drive. The supported file formats include: PDF, PDF/A, Secure PDF, Signed PDF, JPEG, XPS, TIFF  |

## Colour Scanner

|   |   |
|---|---|
| <b>Colour &amp; Mono Scanning</b>               | Yes   |
| <b>Automatic 2-Sided Scanning</b>               | Yes   |
| <b>Scan Resolution from ADF</b>                 | 1,200 x 600dpi  |
| <b>Scan Resolution from Scanner Glass</b>       | 1,200 x 2,400dpi  |
| <b>Interpolated Scan Resolution<sup>8</sup></b> | 19,200 x 19,200dpi  |
| <b>Colour Depth</b>                             | 48bit internal / 24bit external colour scanner                            |
| <b>Grey Scale</b>                               | 256 shades of grey are available for scanning                             |
| <b>Scan Key<sup>8</sup></b>                     | Enables users to scan a document to E-mail, Image, OCR, & File            |
| <b>Pull Scanning<sup>8</sup></b>                | Scan to E-mail, OCR, Image, File & Searchable PDF                         |
| <b>Push Network Scanning</b>                    | Scan to network folder (Windows® only) , FTP & E-mail server <sup>5</sup> |

## Scanner Driver

|                          |  |
|--------------------------|--|
| <b>Windows®</b>          | TWAIN & WIA (Windows <sup>®</sup> 8, Windows <sup>®</sup> 7, Windows Vista <sup>®</sup> & Windows <sup>®</sup> XP) |
| <b>Macintosh</b>         | TWAIN & ICA  |
| <b>Linux<sup>5</sup></b> | SANE   |

## Colour Copier

|                                      |   |
|--------------------------------------|---|
| <b>Speed – (A4)</b>                  | Up to 22cpm (copies per minute) colour & mono                               |
| <b>FCOT (First Copy Out Time)</b>    | Less than 22 seconds colour & less than 19 seconds mono from ready mode TBD |
| <b>Automatic 2-Sided Copying</b>     | Yes   |
| <b>Resolution</b>                    | 600 x 600dpi  |
| <b>Multi-Copying / Stack / Sort</b>  | Makes up to 99 copies of each page / Stacks or Sorts                        |
| <b>Enlargement / Reduction Ratio</b> | Reduce or Increase document sizes from 25% to 400% in 1% increments         |
| <b>N in 1 Copying</b>                | Allows the user to compress 2 or 4 pages on to a single A4 sheet            |
| <b>2in1 ID Copying</b>               | Allows the user to copy both sides of an ID card to a single A4 sheet       |
| <b>Grey Scale</b>                    | 256 shades of grey are available for copying                                |

## Paper Handling

|                                 |   |
|---------------------------------|---|
| <b>Paper Input<sup>2</sup></b>  | Standard Tray – 250 sheets<br>Manual Feed Slot – 1 sheet<br>ADF - 35 sheets |
| <b>Paper Output<sup>2</sup></b> | Face Down - 100 sheets<br>Face Up (Straight Paper Path) - 1 sheet           |

## Media Specification

|                                      |   |
|--------------------------------------|---|
| <b>Media Types &amp; Weights</b>     | Standard Tray - plain & recycled paper (between 60 - 105g/m <sup>2</sup> )<br>Manual Feed Slot - plain, recycled, bond & glossy paper (between 60 - 163g/m <sup>2</sup> )<br>ADF - Plain & recycled paper (between 64 - 90g/m <sup>2</sup> )                                      |
| <b>Envelope &amp; Label Printing</b> | Yes, from the manual feed slot: Accuracy & reliability will depend on the quality & type of envelopes or labels used  |
| <b>Media Sizes</b>                   | Standard Tray - A4, Letter, B5(JIS), A5, A5(Long Edge), A6, Executive, Legal, Folio (A4 only supported in automatic 2-sided print mode)<br>Manual Feed Slot - Width: 76.2mm to 215.9mm x Length: 116mm to 355.6mm<br>ADF - Width: 147.3mm to 215.9mm x Length: 147.3mm to 355.6mm |

## Environment

|                             |  |
|-----------------------------|--|
| <b>Power Consumption</b>    | Printing - 380W, ready - 70W, sleep – 7.5W, deep sleep – 1.8W, power down - 0.05W    |
| <b>TEC Value</b>            | 1.4kWh / Week  |
| <b>Sound Pressure Level</b> | Printing - 53dba, ready - 33dba  |
| <b>Sound Power Level</b>    | Printing - 6.46BA, ready – 4.44BA  |
| <b>Power Saving</b>         | This enables the printer to consume less energy when not in use                      |
| <b>Toner Saving</b>         | This reduces the toner usage and helps to reduce the total cost of printer ownership |
| <b>Energy Star</b>          | Yes  |
| <b>Blue Angel</b>           | Yes  |
| <b>Nordic Swan</b>          | Yes  |



## Working with you for a better environment

At Brother, our green initiative is simple. We strive to take responsibility, act respectfully and try to make a positive difference to help build a society where sustainable development can be achieved. We call this approach Brother Earth. [www.brotherearth.com](http://www.brotherearth.com)

## Colour Fax

|   |   |
|---|---|
| <b>Fax Modem</b>                        | 33,600bps (Super G3)  |
| <b>Internet Fax (iFax)<sup>5</sup></b>  | Fax documents anywhere in the world over the Internet without the use of a telephone line   |
| <b>PC Fax Send<sup>8&amp;3</sup></b>    | Send faxes directly from your PC  |
| <b>PC Fax Receive<sup>8&amp;4</sup></b> | Receive faxes directly to your PC   |
| <b>Automatic Redial</b>                 | Automatic redialling if the recipient fax is busy   |
| <b>Telephone Index</b>                  | An electronic, alphabetical listing of stored speed dials and group numbers   |
| <b>Chain Dialling</b>                   | Allows the user to store parts for long dialling sequences in different speed dial locations  |
| <b>Distinctive Ring Detection</b>       | A service purchased from a telephone company that allows two or more telephone numbers to share a single fixed line, the function enables the machine to provide a different ring style for each number (UK and Denmark only) |
| <b>Speaker / Ring volume</b>            | 3 levels and off  |
| <b>Fax / Tel Switch</b>                 | Automatic recognition of fax and telephone reception  |
| <b>Super Fine</b>                       | Enables quality transmission of very small print and line drawings  |
| <b>Contrast</b>                         | Auto / light / dark   |
| <b>Enhanced Remote Activate</b>         | Transfer a fax call, answered on an extension phone, to the fax machine   |
| <b>Delayed Timer</b>                    | Up to 50  |
| <b>Polling Type</b>                     | Secure Polling  |
| <b>Quick-Scan</b>                       | Reduce scanning times by scanning a fax into memory before sending. Approximately 2.5 seconds per page A4 standard resolution   |
| <b>Memory Transmission</b>              | up to 500 pages (ITU-T Test Chart, Standard Resolution, JBIG)   |
| <b>Out of Paper Reception</b>           | up to 500 pages (ITU-T Test Chart, Standard Resolution, JBIG)   |
| <b>Dual Access</b>                      | Allows the operator to perform 2 different tasks on the machine at the same time  |
| <b>Broadcasting</b>                     | Send the same fax message to up to 250 separate locations (manual 50 locations)   |
| <b>Batch Transmission</b>               | Stores documents for the same location in the machines memory for transmission in a single call   |
| <b>Auto Reduction</b>                   | When receiving a single page document more than 297mm long the fax machine will automatically reduce the message to fit onto a single A4 sheet  |
| <b>ECM (Error Correction Mode)</b>      | The MFC will detect line errors during fax transmission and resend the page(s) of the document that had an error (recipient machines must share this feature for it to work)  |
| <b>Fax Forwarding</b>                   | Sends a fax received in memory to another pre-programmed fax number   |

## Colour Fax continued

|                                       |  |
|---------------------------------------|--|
| <b>Remote Access</b>                  | Allows the user to remotely access their machine by using another touch tone phone |
| <b>Fax Retrieval</b>                  | Allows the user to retrieve fax messages using another touch tone machine          |
| <b>Remote Maintenance<sup>3</sup></b> | Allows the user to maintain their MFC from a remote location                       |
| <b>Remote Set-up</b>                  | Allows the user to set-up the MFC from their PC                                    |
| <b>Grey Scale</b>                     | 256 shades of grey are available for faxing  |
| <b>Automatic 2-Sided Faxing</b>       | Yes  |

## Address Book

|                    |   |
|--------------------|---|
| <b>Speed Dials</b> | 200 locations for fax numbers and E-mail addresses              |
| <b>Group Dial</b>  | A combination of up to 20 groups can be stored for broadcasting |

<sup>1</sup>Approx declared yield value in accordance with ISO/IEC 19798

<sup>2</sup>Calculated with 80g/m<sup>2</sup> paper

<sup>3</sup>Windows® & Mac® only

<sup>4</sup>Windows® only

<sup>5</sup>Optional free download from the Brother Solutions Centre <http://solutions.brother.com>

<sup>6</sup>Must be web connected

<sup>7</sup>Vertical x horizontal

<sup>8</sup>Requires Brother software

<sup>9</sup>Maximum number of printed pages per month can be used to compare designed durability between like Brother products. For maximum printer life, it is best to choose a printer with a duty cycle that far exceeds your print requirements

## Network & Security

|   |  |
|---|--|
| <b>Wired Network</b>                        | Built in Ethernet<br>10Base-T/100Base-TX   |
| <b>Wireless Network</b>                     | IEEE 802.11b/g/n (Infrastructure Mode / Adhoc Mode)  |
| <b>Wi-Fi Direct™</b>                        | Print wirelessly without having to go through a wireless access point (both automatic and manual methods supported)  |
| <b>Wireless Setup Support</b>               | Wi-Fi Protected Setup (WPS) & AirStation One-Touch Secure System (AOSS)  |
| <b>Wireless Applications</b>                | Intel® My Wi-Fi Technology & Vertical Pairing  |
| <b>Network Protocols</b>                    | TCP/IP (IPv4 and IPv6)   |
| <b>IPv4</b>                                 | ARP, RARP, BOOTP, DHCP, APIPA(Auto IP), WINS/NetBIOS Name Resolution, DNS Resolver, mDNS, LLMNR Responder, LPR/LPD, Custom Raw Port/Port9100, POP3, SMTP Client, IPP/IPPS, FTP Client and Server, CIFS Client, TELNET Server, SNMPv1/v2c/v3, HTTP/HTTPS Server, TFTP Client and Server, ICMP, Web Services (Print/Scan), SNMP Client |
| <b>IPv6 (off by default)</b>                | NDP, RA, DNS Resolver, mDNS, LLMNR Responder, LPR/LPD, Custom Raw Port/Port9100, IPP/IPPS, FTP Client and Server, CIFS Client, TELNET Server, SNMPv1/v2c/v3, HTTP/HTTPS Server, TFTP Client and Server, SMTP Client, ICMPv6, SNMP Client, Web Service  |
| <b>Wired Network Security</b>               | APOP, POP before SMTP, SMTP-AUTH, SSL/TLS (IPPS, HTTPS, SMTP, POP), SNMP v3  |
| <b>Enterprise Wired Network Security</b>    | 802.1x (EAP-MD5, EAP-FAST, PEAP, EAP-TLS, EAP-TTLS), Kerberos  |
| <b>Standard Wireless Network Security</b>   | WEP 64/128 bit, WPA-PSK (TKIP/AES), WPA2-PSK (AES), APOP, POP before SMTP, SMTP-AUTH, SSL/TLS (IPPS, HTTPS, SMTP, POP), SNMP v3  |
| <b>Enterprise Wireless Network Security</b> | 802.1x (LEAP, EAP-FAST, PEAP, EAP-TLS, EAP-TTLS), Kerberos   |
| <b>Print Log To Network</b>                 | Records printing activities from each individual user, including network username, name of document printed and number of pages, to a file on a network  |
| <b>E-mail Notifications</b>                 | Automatically have the device send an E-mail to a nominated E-mail address when it requires attention  |
| <b>E-mail Reports</b>                       | Receive usage reports on a regular basis via E-mail  |
| <b>IPv4 Restrict</b>                        | Restrict which network users either can or cannot access the device over the network   |
| <b>Secure Function Lock 2.0</b>             | Restrict printing activity to individual or groups of users over a network. Can be used with PC User Login Name for up to 25 users   |
| <b>Secure Print<sup>3</sup></b>             | Protect print jobs with a 4 digit PIN that has to be entered at the control panel of the printer before printing   |
| <b>Setting Lock</b>                         | Restrict access to the control panel by securing it with a 4 digit PIN   |

<sup>1</sup>Approx declared yield value in accordance with ISO/IEC 19798

<sup>2</sup>Calculated with 80g/m<sup>2</sup> paper

<sup>3</sup>Windows® & Mac® only

<sup>4</sup>Windows® only

<sup>5</sup>Optional free download from the Brother Solutions Centre <http://solutions.brother.com>

<sup>6</sup>Must be web connected

<sup>7</sup>Vertical x horizontal

<sup>8</sup>Requires Brother software

<sup>9</sup>Maximum number of printed pages per month can be used to compare designed durability between like Brother products. For maximum printer life, it is best to choose a printer with a duty cycle that far exceeds your print requirements

## Network Management Utilities

|   |  |
|---|--|
| <b>Embedded Web Server</b>                      | Web based print management software embedded onto the device             |
| <b>BRAdmin Light<sup>3&amp;5</sup></b>          | Setup and LAN management software  |
| <b>Driver Deployment Wizard<sup>4</sup></b>     | Easily create print drivers for hassle free deployment over your network |
| <b>BRAdmin Professional 3<sup>4&amp;5</sup></b> | LAN/WAN management software  |

## Supplies

|  |   |
|--|---|
| <b>Inbox Toners (CMYK)</b>                       | 1,000 pages <sup>1</sup>  |
| <b>Standard Yield Toners (Colour &amp; Mono)</b> | Black Toner (TN-241BK) 2,500 pages <sup>1</sup><br>Cyan Toner (TN-241C) 1,400 pages <sup>1</sup><br>Magenta Toner (TN-241M) 1,400 pages <sup>1</sup><br>Yellow Toner (TN-241Y) 1,400 pages <sup>1</sup> |
| <b>High Yield Toners (Colour)</b>                | Cyan Toner (TN-245C) 2,200 pages <sup>1</sup><br>Magenta Toner (TN-245M) 2,200 pages <sup>1</sup><br>Yellow Toner (TN-245Y) 2,200 pages <sup>1</sup>  |
| <b>Other Consumables</b>                         | Drum (DR-241CL) 15,000 pages (one page per job)<br>Belt (BU-220CL) Up to 50,000 pages<br>Waste Toner Box (WT-220CL) Up to 50,000 pages  |
| <b>Carton Contents</b>                           | Toner Cartridges, Drum, Belt, Waste Toner Box, Power Supply Cord, Driver Software For Windows® & Mac, Quick Set-Up Guide, User's Guide, PC Interface Cable NOT Included                                 |

The frequency of replacement consumables will vary depending on the complexity of the prints, the percentage of coverage, paper size, page per job, and the type of media. For example glossy coated paper will result in a shortened life of such supplies.

## Solutions

|  |   |
|--|---|
| <b>BSI (Brother Solutions Interface)</b> | Allows the use of 3 <sup>rd</sup> party solutions & apps, such as b-guard, to increase security & productivity                |
| <b>b-guard (optional purchase)</b>       | Increase security, efficiency & control costs using the pull printing & enhanced management capabilities of this BSI solution |

## Dimensions & Weight

|                       |                          |
|-----------------------|--------------------------|
| <b>With Carton</b>    | 602 x 534 x 565mm 27.4Kg |
| <b>Without Carton</b> | 410 x 483 x 410mm 18.5Kg |

## Duty Cycles

|                                    |   |
|------------------------------------|---|
| <b>Recommended Monthly</b>         | 300 – 1,500 pages monthly print volume  |
| <b>Maximum Monthly<sup>9</sup></b> | Up to 30,000 pages monthly print volume |