

HL-3170CDW

High speed 2-sided colour printer with Wi-Fi

Great value colour printer is one of the fastest in its class.

This high speed colour printer is one of the fastest in its class, printing 22 pages per minute. It's part of Brother's exciting new range of next generation colour LED printers, designed for high performance and better value.

Packed full of time and money saving features to help drive efficiency and productivity, it also allows businesses of all sizes to invest and benefit from using colour. It will keep pace with your aspirations, printing high quality definition, time and time again.

This innovative printer has been designed to reduce total cost of ownership, offering 2-sided printing as standard, reducing wastage, paper and toner costs. With its low power consumption and options for high yield colour cartridges it gives you a lower cost per page.

With wireless networking capabilities built in, you can share resources and with advanced connections including printing from USB and web-based applications such as Apple AirPrint and Google Cloud Print, it gives you more flexibility of how you want to work.



TOP FEATURES:

- Save time with high speed 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 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
- Support for PCL6 & BR-Script3 (Postscript®3™ Language emulation).

SUPPLIES/WARRANTY:

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

*Approx. cartridge yield is declared in accordance with ISO/IEC19798 (www.brother.com/pageyield)



General

Technology	Electrophotographic LED Printer
Processor	333MHz
Print Speed Standard (A4)	22ppm (pages per minute) colour & mono
Print Speed 2-Sided (A4)	7 sides per minute (3.5 sheets per minute) colour & mono
Resolution	2,400dpi (2,400 x 600dpi ¹⁰), 600 x 600dpi
Memory	128MB
Local Interface	Hi-Speed USB 2.0
Wired Network Interface	Ethernet 10Base-T/100Base-TX
Wireless Network Interface	IEEE 802.11b/g/n
First Print Out Time	Less than 16 seconds from ready mode colour & mono
Warm-Up Time	Less than 24 seconds from sleep mode
Print Language	PCL6, BR-Script3 (Postscript®3™ Language Emulation)
Embedded Fonts (PCL)	66 scalable fonts, 12 bitmap fonts
Embedded Fonts (PS)	66 scalable fonts
Embedded Barcodes (PCL)	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)
Control Panel	LCD: 1 line, 16 character backlit LCD screen Buttons: Go, Cancel, Secure, OK, Back, +, -

Printer Functions

Automatic 2-Sided Print	Print to both sides of the paper automatically
Manual 2-Sided Print⁴	Manual 2-sided printing (recommended for media not supported by automatic 2-sided print)
Booklet Printing⁴	Print documents in A5 booklet format using automatic or manual 2-sided print
N-up Printing³	Reduce up to 2, 4, 9, 16 or 25 A4 pages into just one A4 page
Poster Printing⁴	Enlarge 1 A4 page into a poster using 4, 9, 16 or 25 A4 pages
Watermark Printing⁴	Watermark your documents with predefined text or with your own user-defined messages
ID Printing⁴	Add identification to your printed documents (date & time, short custom message or PC username)
Manual 2-Sided Print⁴	By turning the paper over manually after each print, you can print on both sides of it.
Manual Booklet Printing⁴	Print documents in A5 booklet format using manual duplex print
Skip Blank Page⁴	Ignores any blank pages in your documents
Print Profiles³	Store your favourite driver settings as profiles to easily recall them
Print Text in Black⁴	Converts all text in your documents to black when printed

Printer Driver

Windows®	Windows 8® (32 & 64 bit editions) Windows 7® (32 & 64 bit editions) Windows Vista® (32 & 64 bit editions) Windows® XP Professional (32 & 64 bit editions) Windows® XP Home Edition Windows® Server 2012 & 2008 R2 Windows® Server 2008 (32 & 64 bit editions) Windows® Server 2003 (32 & 64 bit editions)
Macintosh	Mac OS X 10.6.8, 10.7.x, 10.8.x
Linux⁵	CUPS, LPD/LPRng (x86/x64 environment)
Postscript Universal Printer Driver	Driver for Windows® that enables you to print to any network-connected Brother laser printer that supports Postscript
Mac Universal Driver	Driver for Mac that enables you to print to any network-connected Brother laser printer that supports Postscript

¹Approx declared yield value in accordance with ISO/IEC19798

²Calculated with 80g/m² paper

³Windows® & Mac® only

⁴Windows® only

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

⁶Must be web connected

⁷For Android devices running Android 1.6 or later and Apple devices running iOS 2.0 or later

⁸Maximum 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

⁹May not be available at start of sale, free download from the Brother Solutions Centre <http://solutions.brother.com>

¹⁰Vertical x horizontal

Mobile / Web Based Printing

Google Cloud Print®⁶	Print most common file types from any Google Cloud Print enabled application
Apple AirPrint	Print most common file types from any Apple AirPrint enabled application
Wi-Fi Direct™	Print wirelessly without having to go through a wireless access point
Cortado Cloud Print⁶	Print most common file types from any smart phone, tablet or PC running Cortado applications that support Cortado Cloud Print
Brother iPrint&Scan (Android)^{7&9}	Print JPG / PDF files & webpages directly from a smart phone or tablet running the Android Operating System
Brother iPrint&Scan (iPad / iPhone / iPod)^{7&9}	Print JPG / PDF files, web pages & text from the clipboard directly from an iPad/iPhone/iPod
Brother iPrint&Scan (Windows® Phone 7) ⁹	Print JPG files directly from a smart phone running the Windows® Phone 7 Operating System

Paper Handling

Paper Input²	Standard Tray – 250 sheets Manual Feed Slot – 1 sheet
Paper Output²	Face Down - 100 sheets Face Up (Straight Paper Path) - 1 sheet

Media Specification

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

Network & Security

Wired Network	Ethernet 10Base-T/100Base-TX
Wireless Network	IEEE 802.11b/g/n (Infrastructure Mode / Adhoc Mode)
Wireless Setup Support	Wi-Fi Protected Setup (WPS) & AirStation One-Touch Secure System (AOSS)
Wireless Applications	Intel My Wi-Fi Technology & Vertical Pairing
Network Protocols	TCP/IP (IPv4 and IPv6)
IPv4	ARP, RARP, BOOTP, DHCP, APIPA(Auto IP), WINS/NetBIOS Name Resolution, DNS Resolver, mDNS, LLNMR Responder, LPR/LPD, Custom Raw Port/Port9100, IPP/IPPS, FTP Server, Telnet Server, HTTP/HTTPS Server, TFTP client and Server, SMTP Client, SNMPv1/v2c/ v3, ICMP, Web Services (Print), CIFS Client, SNTIP Client
IPv6 (off by default)	NDP, RA, DNS Resolver, mDNS, LLNMR Responder, LPR/LPD, Custom Raw Port/Port9100, IPP/IPPS, FTP Server, Telnet Server, HTTP/HTTPS Server, TFTP Client and Server, SMTP Client, SNMPv1/v2c/v3, ICMPv6, Web Services (Print), CIFS Client, SNTIP Client
Wired Network Security	APOP, POP before SMTP, SMTP-AUTH, SSL/TLS (IPPS, HTTPS, SMTP, POP), SNMP v3
Wireless Network Security	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
Enterprise Wired Network Security	802.1x (EAP-MD5, EAP-FAST, PEAP, EAP-TLS, EAP-TTLS), Kerberos
Enterprise Wireless Network Security	802.1x (LEAP, EAP-FAST, PEAP, EAP-TLS, EAP-TTLS), Kerberos
Print Log to Network	Records printing activities from each individual user, including network username, name of document printed and number of pages, to a file on a network
E-mail Notifications	Automatically have the device send an E-mail to a nominated E-mail address when it requires attention
IPv4 Restrict	Restrict which network users either can or cannot access the device over the network
Setting Lock	Restrict access to the control panel by securing it with a 4 digit PIN
Print Profiles³	Store your favourite driver settings as profiles to easily recall them
Secure Function Lock 2.0	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



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

Network Management Utilities

Embedded Web Server	Web based print management software embedded onto the device
BRAdmin Light ^{3&5}	Setup and LAN management software
Driver Deployment Wizard ⁴	Easily create print drivers for hassle free deployment over your network
BRAdmin Professional 3 ^{4&5}	LAN/WAN management software

Supplies

Inbox Toners (CMYK)	1,000 pages ¹
Standard Yield Toners (Colour & Mono)	Black Toner (TN-241BK) 2,500 pages ¹ Cyan Toner (TN-241C) 1,400 pages ¹ Magenta Toner (TN-241M) 1,400 pages ¹ Yellow Toner (TN-241Y) 1,400 pages ¹
High Yield Toners (Colour)	Cyan Toner (TN-245C) 2,200 pages ¹ Magenta Toner (TN-245M) 2,200 pages ¹ Yellow Toner (TN-245Y) 2,200 pages ¹
Other Consumables	Drum (DR-241CL) 15,000 pages (one page per job) Belt (BU-220CL) Up to 50,000 pages Waste Toner Box (WT-220CL) Up to 50,000 pages
Carton Contents	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.

Dimensions & Weight

With Carton	597 x 251 x 364mm 21.5kg
Without Carton	410 x 465 x 240mm 18.1kg

Duty Cycles

Recommended Monthly	300 – 1,500 pages monthly print volume
Maximum Monthly ⁸	Up to 30,000 pages monthly print volume

Environment

Power Consumption	Printing - 380W, ready - 60W, sleep - 5.5W, deep sleep - 0.57W, power down - 0.05W
TEC Value	1.1kWh / Week
Sound Pressure Level	Printing - 53dbA, ready - 33dbA
Sound Power Level	Printing - 6.43BA, ready - 4.53BA
Power Saving	This enables the printer to consume less energy when not in use
Toner Saving	This reduces the toner usage and helps to reduce the total cost of printer ownership
Energy Star	Yes
Blue Angel	Yes
Nordic Swan	Yes



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