

High Speed Network-ready Colour Laser with Automatic Double-sided Printing

IMPROVE EFFICIENCY

Increase efficiency with the direct print via the USB Host port
Large 250 sheet tray and 50 sheet multi purpose tray
Boost paper capacity to 800 sheets with the 500 sheet optional tray

PEACE OF MIND

With free 12-month warranty and lifetime technical support

SECURE

Built-in LCD screen allows PIN protected secure printing



FEATURE PACKED

Feature packed colour laser printer ideal for 1 to 5 users

HI-SPEED

24ppm mono and colour printing
First page out in less than 16 seconds

FLEXIBILITY

Extra flexibility with network connectivity making sharing easy

LOWER RUNNING COSTS

Save paper with double-sided printing as standard
Easy install and cost effective individual supplies
Reduce cost with longer lasting high yield toners

HL-4150CDN

GREEN AND CLEAN TECHNOLOGY

That meets environmental standards



However busy your office gets, it's important to always look professional – and the HL-4150CDN certainly has the features to do just that. With fast 24 pages per minute print speeds and a large 300-sheet paper capacity, you'll save valuable time, while the handy double-sided printing feature will help you save up to 75% on paper costs. Its full network connectivity makes sharing between a small workgroup easy too, with the built-in LCD screen allowing for set-up of PIN-protected printing, so sensitive documents can be kept private.

HL-4150CDN

Technical specifications

General

Technology: Electrophotographic laser printer (single pass)
Processor: StarSapphire (SS1000) 400MHz
Print speed (Simplex): 24 pages per minute colour & mono
Print speed (Duplex): 7 pages per minute colour & mono
Resolution: Up to 2,400x600dpi resolution [2,400dpi class]
Local Interface: Hi-Speed USB 2.0
Wired network interface: Built in 10/100 Base-TX Network
Memory: 128MB (expandable up to 384MB, using industry standard 1 x DDR2 (144 PIN) slot)
First Print Out Time [From Ready]: Less than 16 seconds mono & colour
Warm Up Time [From Sleep]: Less than 31 seconds from mono & colour
Print language: PCL6, BR-Script3 (Postscript@3 Language Emulation)
Residential PCL fonts: 66 scalable fonts, 12 bitmap fonts, 13 bar codes
Residential BR-Script3 fonts: 66 scalable fonts

Control Panel

LCD display: 2-line, 16 characters backlit green
LED's: Data LED (green) & error LED (orange)
Buttons: There are 7 buttons, +, -, OK, Back, Secure Print, Go, Cancel

Printer Driver

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 bit & 64 bit editions), Windows Server® 2008 (Network only / 32 bit & 64 editions), Windows Server® 2008 R2 (Network only), Windows® Terminal Services 2003 & 2008, Citrix Presentation Server®, Citrix XenApp®
Macintosh: Mac OS X 10.4.11, 10.5.x, 10.6.x
Linux: CUPS printing system(x86, x64 environment), Linux printer driver for LPD/LPRng printing system(x86, x64 environment)

Printer Driver Utility

Driver Deployment Wizard [DDW]: Guides you through the printer driver install and creates an executable file that can be used to install the printer driver on other PCs. For Microsoft Windows® Only.

Secure Print: Print jobs can be password protected and printed only when the individual password is entered

USB Direct Interface

Direct print: Print directly from a USB Flash Memory Drive
Supported file formats: PDF version1.7, JPEG, Exif + JPEG, PRN (created by HL-4150CDN series printer driver), TIFF (scanned by Brother model), XPS version 1.0

Printer Driver Features

N-up Printing: Reduce up to 2, 4, 9, 16 or 25 A4 pages into just one A4 page
Poster Printing †: Enlarge 1 A4 page into a poster using 4, 9, 16 or 25 A4 pages for a bigger impact
Header & footer print †: Print the time & date &/or the user ID on the documents
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 number
Colour control tool: Edit the colour settings in the printer driver to get more accurate colours

Security Features

Setting lock: Lock down the control panel to stop unwanted user access
Colour restrict: Colour restriction tool from printer driver
Secure function lock v2: Configure individual access restrictions by user and by function
Secure printing with SSL: IPP based encryption, already widely used in e-commerce to protect financial & sensitive information
IP filter: MAC address based access restriction
802.1x: LAN Security [Network Access Control]

Network Management Utilities

Web based management: Web browser print server management
BRAdmin Light: For setup & small LAN management
BRAdmin Professional 3*:** For LAN / WAN management using a Windows® PC
Web BRAdmin*:** Server based management utility for your printer fleet / Windows® IIS (4.0/5.0/5.1/6.0/7.0/7.5) modes only
BRPrint Auditor*:** For basic local (USB) device status and usage monitoring
E-mail reports: Reports containing basic usage data sent to a nominated e-mail address on a cyclical basis
Print log: User level usage data recorded to either a text or csv file direct to a network folder
E-mail notifications: Alerts sent to a nominated e-mail address when anything which can disrupt printing activity occurs
Driver Deployment Wizard*:** A quick & easy way to deploy Brother printer drivers on a networked Windows® PC

Network Protocols & Security

Network Protocols: TCP/IP (IPv4 and IPv6)
IPv4: ARP, RARP, BOOTP, DHCP, APIPA(Auto IP), WINS/NetBIOS name resolution, DNS Resolver, mDNS, LLMNR responder, LPR/LPD, Custom Raw Port/Port9100, IPP/IPPS, FTP Server, TELNET Server, HTTP/HTTPS server, TFTP client & server, SMTP Client, SNMPv1/v2c/v3, ICMP, LLTD responder, WebServicePrint, CIFS client, SNTIP client
IPv6 (Off by default): NDP, RA, DNS resolver, mDNS, LLMNR responder, LPR/LPD, Custom Raw Port/Port9100, IPP/IPPS, FTP Client & Server, TELNET Server, HTTP/HTTPS server, TFTP client & server, SMTP Client, SNMPv1/v2c/v3, ICMPv6, LLTD responder, WebServicesPrint, CIFS Client, SNTIP Client
Network Security: Wired network security APOP, POP before SMTP, SMTP-AUTH, SSL/TLS (IPPS, HTTPS, SMTP, POP), SNMP v3 802.1x (EAP-MD5, EAP-FAST, PEAP, EAP-TLS, EAP-TTLS), Kerberos

Paper Handling

Paper Input:** Standard Tray: 250 sheets
Optional Tray: 500 sheets
Multi-Purpose Tray: 50 sheets
Maximum paper input 800 sheets
Paper Output:** Standard paper output 150 sheets [face down]
Rear exit straight paper path 1 sheet [face up]

Media Specifications

Media Types: Standard Tray: Plain paper, Thin Paper, Recycled Paper
Multi-Purpose Tray: Plain paper, thin paper, thick paper, thicker paper, recycled paper, bond, label, envelopes (Thick & thin), glossy paper
Media Weights: Standard & Optional trays 60 to 105g/m2 (16 to 28lb)
Multi-Purpose Tray: 60 to 163g/m2 (16 to 43lb)
Media Sizes: Standard & Optional trays A4, letter, B5 (ISO/JIS), A5, A5 (long edge), B6 (ISO), A6, executive, legal, folio
Multi-Purpose Tray: Width (76.2 – 220mm) x Length (116.0 x 406.4)

Supplies

Standard Yield Toners:
Mono Toner: (TN-320BK) 2,500 pages* **Cyan Toner:** (TN-320C) 1,500 pages*
Magenta Toner: (TN-320M) 1,500 pages* **Yellow Toner:** (TN-320Y) 1,500 pages*
High Yield Toners:
Mono Toner: (TN-325BK) 4,000 pages* **Cyan Toner:** (TN-325C) 3,500 pages*
Magenta Toner: (TN-325M) 3,500 pages* **Yellow Toner:** (TN-325Y) 3,500 pages*
Other supplies
Drum: DR-320CL: 25,000 A4 pages (one page per job)
Belt Unit: BU-300CL: Up to 50,000 A4 (one page per job)
Waste Toner Box: WT-300CL: Up to 50,000 Pages
The frequency of replacement of consumables will vary depending on the complexity of the prints, the percentage of coverage, paper size, page per job, and the type of media.

Optional Accessories

500 sheet lower tray: (LT-300CL): Expanding the total paper input to 800 sheets
Memory: Memory expandable up to 384MB total using industry standard 1 x DDR2 (16 bit, 144 pin) (Not available from Brother)

Dimensions & Weights

With carton & consumables: 650(W) x 574(D) x 521(H) mm 25.5Kg
Without carton, with consumables: 410(W) x 486(D) x 313(H) mm 21.0Kg

Power Consumption

Printing: Average 560w
Ready: Average 65w
Deep Sleep: Average 0.9w
TEC Value: 1.62 kWh / Week

Sound Pressure Level

Printing: LpAm = 57 dB(A)
Ready: LpAm = 33 dB(A)

Sound Power Level

Printing [Colour]: LWAd = 6.71 B(A)
Ready: LWAd = 4.07 B(A)

Ecology

Power Saving: This enables the machine 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.

Duty Cycles

Recommended: 300 – 3,000 pages monthly print volume

Contents

Mono toner cartridge: (K): 2,500 pages*
Colour toner cartridges: (C, M, Y): 1,500 pages*
Drum unit: up to 25,000 pages
Power: supply cord
Driver software: for Windows & Apple Macintosh
Quick Set-up Guide
PC interface: cable NOT included

*Cartridge yield is declared in accordance with ISO/IEC19798.

**Calculated with 80g/m² paper

***Downloaded free of charge from Brother's Solutions Centre <http://solutions.brother.com>

†Windows® only

††Windows® & Apple Macintosh only

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at your side

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