

HP Color Laser 150nw (4ZB95A)

Overview



Colour laser performance at an affordable price

Get productive print performance – world's smallest colour laser in its class.[1] Print, and scan, produce high-quality colour results, and print and scan from your phone.[2]

Legendary HP quality at an affordable price

This surprisingly small laser delivers exceptional quality, page after page.

Easy mobile printing and scanning with HP Smart app[4]

Get simple setup, and print and scan from your phone, with the HP Smart app.[2,4]

Designed to fit your space

Work efficiently with a small, compact printer – world's smallest colour laser in its class.[1] The ideal fit for any workspace.

Features

Uncompromising laser quality

Sharp black text, high-quality colour

The right price

The power of your printer in the palm of your hand^[2]

Your device, your choice^[5]

Extend your printing reach^[6]

[1] Smallest in-class footprint compared only to dimensions of majority of worldwide competing personal colour laser printers (defined as non-discontinued colour laser printers < €200 and colour laser MFPs < €300); HP internal research of printer manufacturers' published specifications as of Sept 4, 2018 and Keypoint Intelligence-Buyers Lab 2018 study commissioned by HP. Market share as reported by IDC CYQ2 2018 Hardcopy Peripherals Tracker. Footprint for HP Color Laser 150 printer series is 1,180.6 square centimetres, for HP Color Laser 170 MFP series is 1,476.1 square centimetres.

[2] Requires the HP Smart app download. For details on local printing requirements see <http://hp.com/go/mobileprinting>.

[4] Feature available only for HP Color Laser 150nw.

[5] For details on local printing requirements see <http://hp.com/go/mobileprinting>.

[6] Wireless operations are compatible with 2.4 GHz and 5.0 GHz operations only. Learn more at <http://hp.com/go/mobileprinting>. Wi-Fi is a registered trademark of Wi-Fi Alliance®.

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[5] For details on local printing requirements see <http://hp.com/go/mobileprinting>.

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Specifications

Print Resolution Technologies	ReCP
Print quality black (best)	600 x 600 dpi 4 bits
Print quality color (best)	600 x 600 dpi 4 bits
Print speed black (ISO, A4)	Up to 18 ppm
Print Speed Color (ISO)	Up to 4 ppm
Print speed	Print speed up to 19 ppm (black) and 4 ppm (colour)
Bottom margin (A4)	5 mm
Left margin (A4)	5 mm
Right margin (A4)	5 mm
Top margin (A4)	5 mm
Functions	Print
Duplex printing	Manual (driver support provided)
Duty cycle (monthly, A4)	Up to 20,000 pages
Printer smart software features	Manual duplex, booklet print, N-up printing, skip blank pages, collation, poster print, watermarks, accepts a variety o paper sizes and types ^[3]
Energy savings feature technology	HP Auto-Off Technology; Power save
Replacement cartridges	HP 117A Black Original Laser Toner Cartridge (yield: 1,000 pages) W2070A; HP 117A Cyan Original Laser Toner Cartridge (yield: 700 pages) W2071A; HP 117A Yellow Original Laser Toner Cartridge (yield: 700 pages) W2072A; HP 117A Magenta Original Laser Toner Cartridge (yield: 700 pages) W2073A ^[8]
Connectivity, standard	Hi-Speed USB 2.0 port, Fast Ethernet 10/100Base-TX network port, Wireless 802.11 b/g/n
Network capabilities	Via built-in 10/100 Base-TX networking
Wireless capability	Yes, built-in Wi-Fi 802.11b/g/n
Mobile printing capability	Apple AirPrint™; Google Cloud Print™; Mobile Apps; Mopria™ Certified; Wi-Fi® Direct printing
Network protocols, supported	Via built-in networking solution: TCP/IP, IPv4, IPv6; Print: TCP-IP port 9100 Direct Mode, LPD (raw queue support only), WSD; Discovery: SLP, Bonjour, WS-Discovery; IP Config: IPv4 (BootP, DHCP, AutoIP, Manual), IPv6 (Stateless Link-Local and via Router, Stateful via DHCPv6); Management: SNMPv1/v2/v3, HTTP
Software included	Common Installer, V3 Print driver with Lite SM
Compatible Operating Systems	Windows 8; Windows 8.1; Windows 10 ^[6] (Windows 10 or higher)
Sustainability specifications	Mercury free
Energy star certified	No

Ecolabels	CECP
Display	LED
Dimensions (W x D x H)	382 x 309 x 211.5 mm <i>(Dimensions vary as per configuration)</i>
Weight	10.04 kg <i>(Weight varies as per configuration)</i>
Power consumption	Active Printing: 282 W; Ready: 27 W; Sleep: 1.0 W; Manual Off: 0.2 W; Auto Off/Manual On: 0.2 W
Power supply type	Internal (built-in) Power Supply
What's in the box	HP Color Laser 150nw Printer; Preinstalled introductory HP 117A Laser Printer cartridges (700 pages black, 500 pages cyan, yellow, magenta); Imaging drum; Toner collection unit; Setup poster; Reference guide; Support flyer; Warranty guide; No CD-ROM; Power cord; USB cable ^[7]
Manufacturer Warranty	One-year limited hardware warranty; For more info please visit us at https://www.support.hp.com

Additional specifications

Acoustic power emissions (active, printing)	6.5B (A) (printing at 18 ppm with monochrome mode); 6.1B (A) (printing at 4 ppm with colour mode)
Additional information about HP	https://www.hp.com
Additional information about HP in the countries	https://www.hp.com/uk
Automatic paper sensor	No
Cable included	1 USB PC to Printer
Color or black	Color
Compatible Network Operating Systems	Windows 8; Windows 8.1; Windows 10; macOS 10.14 Mojave; macOS 10.13 High Sierra; macOS 10.12 Sierra; macOS 10.11 El Capitan
Connection type	Wireless
Control panel	4 Buttons (Wireless, Resume, Cancel, Power): LED indicator lights (Attention, Power, Wireless, C/M/Y/K Toner Gauge)
Datasheet photo 1	Publication photos/HP Chromia Color Laser 150nw Front.jpg
Datasheet photo 2	Publication photos/HP Chromia Color Laser 150nw Front.jpg
Datasheet photo 3	Publication photos/HP Color Laser 150nw.jpg
Datasheet photo 4	Publication logos/Legendary_HP_reliability_thin_icon.jpg
Datasheet photo 5	Publication logos/Compact_size_thin_icon.jpg
Downloadable software	V3 Print Driver with Lite SM, Printer Manager (for USB only model)
Driver updates	Latest supported operating systems and print drivers available at https://www.support.hp.com
Duty cycle note	Duty cycle is defined as the maximum number of pages per month of imaged output. This value provides a comparison of product robustness in relation to other HP Laser or HP Color Laser devices, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups.
Dynamic security	Dynamic security enabled printer
Electromagnetic compatibility	EN 61000-3-2:2014, EN 61000-3-3:2013, EN55024:2010, EN 55032:2012/AC:2013, 47 CFR Part 15, Subpart B I ANS I C63.4-2009, ICES-003 Issue 5, KN32, KN35, GB/T 9254-2008, GB17625.1-2012, CISPR22:2008, CISPR32:2012, CNS 13438, other EMC approvals as required by individual countries
End of Life CO2e (kg)	11
Energy Usage CO2e (kg)	61
Finished output handling	Sheetfed
First page out black (A4, ready)	As fast as 12.4 sec
First page out black (A4, sleep)	As fast as 13 sec
First page out color (A4, ready)	As fast as 25.3 sec
First page out color (A4, sleep)	As fast as 26 sec

Input capacity	Up to 150 sheets
Mac compatible	Yes
Maximum Memory	64 MB ^[6]
Maximum dimensions (W x D x H)	382 x 397.8 x 274.4 mm
Maximum input capacity (sheets)	Up to 150 sheets
Maximum output capacity (sheets)	Up to 50 sheets
Maximum print area	216 x 356 mm
Media size, tray 1	A4; A5; A6; B5 (JIS); Oficio (216 x 340 mm); 76 x 148.5 to 216 x 356 mm
Media sizes supported	Tray 1: A4; A5; A6; B5 (JIS); Oficio (216 x 340 mm); Tray 2: Not supported; Optional Automatic duplexer: Not supported
Media sizes supported, key	10 x 15 cm; A4
Media sizes, custom	76 x 148.5 to 216 x 356 mm
Media type and capacity, tray 1	Sheets (75 g/m ²): 150
Media types	Plain, Light, Heavy, Extra Heavy, Coloured, Preprinted, Recycle, Labels, Bond, Glossy
Media weight (tray 1)	60 to 220 g/m ²
Media weight, supported	60 to 220 g/m ²
Memory	64 MB
Minimum System Requirements	PC: Windows® 10, 8.1, 8, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer.
Minimum System Requirements for Macintosh	Apple®OS X El Capitan (v10.11), macOS Sierra (v10.12), macOS High Sierra (v10.13), 1.5 GB available hard disk space, Internet required, USB
Model number	150nw
Number of users	1-5 Users
Operating humidity range	10 to 80% RH (non-condensing)
Operating temperature range	10 to 30°C
Output capacity	Up to 50 sheets
Package dimensions (W x D x H)	471 x 413 x 305 mm
Package weight	12.52 kg
Paper handling input, standard	150 sheet input tray
Paper handling output, standard	50 sheet output bin
Paper trays, maximum	1
Paper trays, standard	1
Photo (product photo, jpg, 70x100)	Printing and Digital Imaging/CC378A_70x100.jpg
Plug and play	Auto Wireless Connect; HP Smart Install
Power	220 to 240 VAC, 50/60Hz
Print Cartridges/Bottle, Number	4 (1 each black, cyan, magenta, yellow)

Print Technology	Laser
Print colors	Yes
Print languages	SPL
Print quality black (normal)	600 x 600 dpi
Print resolution color (normal)	600 x 600 dpi
Print technology	Laser
Processor speed	400 MHz
Product long name specifications	HP Color Laser 150nw, Color Printer for Small Office, Print
Product safety	https://support.hp.com/gb-en/product/setup-user-guides/hp-color-laser-150-printer-series/model/24494355?sku=4ZB95A ; http://h10032.www1.hp.com/ctg/Manual/c06274333.pdf ; http://h10032.www1.hp.com/ctg/Manual/c06270943.pdf
Product short name specifications	HP Laser 150nw Wireless Color Printer, Duplex
Production CO2e (kg)	81
Recommended monthly page volume	100 to 500 ^[2]
Recommended operating humidity range	20 to 70% RH (non-condensing)
Recommended operating temperature range	15 to 27°C
Safety	IEC 60950-1:2005+A1:2009+A2 2013 (International); EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2: 2013 (EU); IEC/EN 60825-1:2014 (Class 1 Laser Product); EN 62479:2010 /IEC 62749:2010; Low Voltage Directive 2006/95/EC with CE Mark (Europe); GS Certificate (Germany, Europe); Compliance with Laser safety standards 21 CFR 1002.10 and 1002.11 except for deviations pursuant to Laser notice No. 50, Dated June 24, 2007; Other safety approvals as required by individual countries
Security management	Password-protected network embedded Web server; Enable/disable Network ports; SNMPv1 community password change; SNMPV2&V3; IPsec; Filtering; MAC, IPv4, IPv6
Storage temperature range	-20 to 40°C
Target user and print volume	For teams up to 5 users; Prints up to 500 pages/month
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Technology logo 4	Publication logos/wireless direct.jpg
Technology logo 5	Publication logos/air print.jpg
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Total CO2e (kg)	160 <i>(A product carbon footprint is defined as the total amount of greenhouse gases emitted directly and indirectly by a product over its lifetime. Greenhouse gas emissions are reported as global warming potential for 100-year time horizon (GWP-100) in units of CO2 equivalence. Calculations are done in accordance with ISO 14040 & ISO 14044. Individual values may not sum to total due to rounding.)</i>
Transportation CO2e (kg)	3
Typical electricity consumption (TEC) footnote	Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty. Energy Star value typically based on measurement of 115 V device and 230 V for Blue Angel.
Typical electricity consumption (TEC) number	Blue Angel: 0.873 kWh/Week; Energy Star: 0.988 kWh/Week
UNSPSC code	43212105
UPC number	(ABT) 193015507074; (ABU) 198122709601; (ABY) 193015507081; (ACQ) 193015507111; (B13) 193905621606; (B19) 193015507128; (BAZ) 193015507135
Warm-up time	38 sec
Waste electrical and electronic weight	10.04 kg
Web address for additional information	http://www.hp.com/support/colorlaser150

[2] HP recommends that the number of printed pages per month be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period.

[3] Manual duplex, booklet print, N-up printing, skip blank pages, collation, poster print, watermarks. Accepts a variety of paper sizes and types.

[6] Windows 7 or higher.

[7] Introductory cartridges included; Yield: 500 colour composite (C/Y/M) and 700 black pages. Replacement cartridge average composite (C/Y/M) declared yield 700 and average black yield 1,000 pages based on ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see <http://www.hp.com/go/learnaboutsupplies>.

Ink/Toner/Paper/Printer Supplies

HP Laser Toner Cartridges and Kits

★ : Recommended

HP Color Laser Toner Printer Cartridges

HP 117A Black Original Laser Toner Cartridge	W2070A
HP 117A Cyan Original Laser Toner Cartridge	W2071A
HP 117A Magenta Original Laser Toner Cartridge	W2073A
HP 117A Yellow Original Laser Toner Cartridge	W2072A
HP 120A Original Laser Imaging Drum	W1120A

HP Laser Printer Supply Kits

HP Laser Toner Collection Unit	5KZ38A
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HP Paper for Multiple Uses

HP Multi-use Everyday Paper

HP Copy Paper 80 gsm-500 sht/A4/210 x 297 mm	CHP910
HP Home and Office Paper-500 sht/A4/210 x 297 mm	CHP150
HP Office Paper-2500 sht/A4/210 x 297 mm	CHP113
HP Office Paper-500 sht/A4/210 x 297 mm	CHP110

HP Business Papers

HP Business Papers for laser

HP Enhanced Business Paper Glossy 150 g/m2 A4 (210 x 297 mm) 150 sheets	CG965A
HP Professional Business Paper Glossy 200 g/m2 A4 (210 x 297 mm) 150 sheets	7MV83A
HP Professional Business Paper Matte 200 g/m2 A4 (210 x 297 mm) 150 sheets	7MV80A

HP Business Papers for laser and inkjet

HP Professional Business Paper Glossy 180 g/m2 A4 (210 x 297 mm) 150 sheets	3VK91A
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Services

HP Care Pack Services

★ : Recommended

Imaging and Printing Consumer Care Pack Services

HP 3 year Return to Depot Service for Color Laser 15x and 17x MFP	UB4X6E
HP 4 year Return to Depot Service for Color Laser 15x and 17x MFP	UB4X7E

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