

# HP Color Laser 150 Printer series



## Full-featured laser printing. Entry-level pricing.

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



HP Color Laser 150a



HP Color Laser 150nw

This printer is intended to work only with cartridges that have a new or reused HP chip, and it uses dynamic security measures to block cartridges using a non-HP chip. Periodic firmware updates will maintain the effectiveness of these measures and block cartridges that previously worked. A reused HP chip enables the use of reused, remanufactured, and refilled cartridges. More at: <http://www.hp.com/learn/ds>

## Highlights

- The world's smallest colour laser in its class<sup>1</sup>
- Crisp black and vibrant colour with HP toner
- Speeds up to 18/4 ppm (black/colour) in A4<sup>3</sup>
- USB 2.0 high speed connectivity
- Wireless/Ethernet-network printing (150nw only)
- In box 700/500 pages initial (black/colour)
- Easy mobile printing with the HP Smart app (150nw only)
- Apple AirPrint™, Mopria-certified, Google Cloud Print™ certified
- Compact design at only 211 x 382 x 309mm

### Legendary HP quality at an affordable price

- This surprisingly small laser delivers exceptional quality, page after page.
- Produce sharp text, bold blacks, and crisp colour graphics.
- Rely on a high-performance laser printer at an affordable price.

### Designed to fit your space

- Work efficiently with a small, compact printer – world's smallest colour laser in its class.<sup>1</sup> The ideal fit for any workspace.
- Get print speeds up to 18/4 ppm.<sup>3</sup>

### Easy mobile printing and scanning with HP Smart app<sup>4</sup>

- Get simple setup, and print and scan from your phone, with the HP Smart app.<sup>2,4</sup>
- Easily print from a variety of smartphones and tablets.<sup>5,4</sup>
- Easily share resources – access and print with wireless and Ethernet networking.<sup>6,4</sup>
- Connect your smartphone or tablet directly to your printer – and easily print without accessing a network.<sup>7,4</sup>



Legendary HP reliability



Compact size



Color laser performance



Mobile printing

## Product walkaround

HP Laser 150nw shown

1. 18 ppm black (A4), 4 ppm colour (A4)
2. 50 sheet output bin
3. LED control panel
4. HP's smallest colour laser in its class
5. Hi-Speed USB 2.0; Fast Ethernet (n/w models)
6. Built-in wireless networking; Wi-Fi Direct printing (w model)
7. 150 sheet input tray
8. Pre-installed Original HP Toner cartridges deliver up to 700 pages black, 500 pages colour



## Series at a glance



Model	HP Color Laser 150a	HP Color Laser 150nw
Product number	4ZB94A	4ZB95A
Function	Print	
Memory/processor	64MB/400MHz	
Control panel	LED control panel	
Mobile printing	No	HP's best-in-class mobile app - HP Smart app; Mopria; AirPrint 1.8 enabled; Google Cloud Print™
Connectivity	USB 2.0 high-speed	USB 2.0 high-speed; Wireless; Wi-Fi Direct; Ethernet
Recommended Monthly Page Volume	500 pages	
Print speed	18 (black)/4 (colour) ppm	

## Configurable Items, Accessories, Supplies and Support

Supplies	5KZ38A HP Laser Toner Collection Unit (7,000 pages)
	W1120A HP 120A Original Laser Imaging Drum (Approximate average yield based on ISO/IEC 19798. Actual yield varies considerably based on content of printed pages and other factors. For details see <a href="http://www.hp.com/go/learnaboutsupplies">http://www.hp.com/go/learnaboutsupplies</a> . Mono 16,000 pages; Color 4,000 pages)
	W2070A HP 117A Black Original Laser Toner Cartridge (~1,000 pages)
	W2071A HP 117A Cyan Original Laser Toner Cartridge (~700 pages/700 pages)
	W2072A HP 117A Yellow Original Laser Toner Cartridge (~700 pages/700 pages)
	W2073A HP 117A Magenta Original Laser Toner Cartridge (~700 pages/700 pages)
Service and Support	UB4X3E HP 3 year Standard Exchange Service for Color Laser 150 Printer series UB4X0E HP 3 year Next Business Day Exchange Service for Color Laser 150 Printer series UB4X6E HP 3 year Return to Depot Service for Color Laser 150 Printer series (UB4X3E - available in All EMEA countries except ME, Africa, South Africa, Israel, Turkey, UB4X0E - available in Austria, Belgium, Denmark, Finland, France, Germany, Ireland, Italy, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, UK, Czech Republic, Greece, Hungary, Poland, Slovakia, UB4X6E - available in ME, Africa, South Africa, Israel, Turkey)

## Technical specifications

Model	HP Color Laser 150a	HP Color Laser 150nw
Product number	4ZB94A	4ZB95A
Functions	Print	
Control panel	3 Buttons (Resume, Cancel, Power); LED indicator lights (Attention, Power, C/M/Y/K Toner Gauge)	4 Buttons (Wireless, Resume, Cancel, Power); LED indicator lights (Attention, Power, Wireless, C/M/Y/K Toner Gauge)
<b>Print</b>		
Print technology	Laser	
Print speed	<b>Black (A4, normal)</b> Up to 18 ppm <b>Colour (A4, normal)</b> : Up to 4 ppm	
First page out	<b>Black (A4, ready)</b> : As fast as 12.4 sec <b>Colour (A4, ready)</b> : As fast as 25.3 sec ; <b>Black (A4, sleep)</b> : As fast as 13 sec <b>Colour (A4, sleep)</b> : As fast as 26 sec	
Print resolution	<b>Black (best)</b> : 600 x 600 dpi 4 bits <b>Colour (best)</b> : 600 x 600 dpi 4 bits ; <b>Technology</b> : ReCP	
Monthly duty cycle <sup>1</sup>	Up to 20,000 pages A4; <b>Recommended monthly page volume</b> <sup>2</sup> : 100 to 500	
Printer smart software features <sup>3</sup>	Manual duplex, booklet print, N-up printing, skip blank pages, collation, poster print, watermarks, accepts a variety o paper sizes and types	
Standard print languages	SPL	
Print area	<b>Print margins</b> Top: 5 mm, Bottom: 5 mm, Left: 5 mm, Right: 5 mm; Maximum print area: 216 x 356 mm	
Duplex printing	Manual (driver support provided)	
Processor speed	400 MHz	
<b>Connectivity</b>		
Standard	Hi-Speed USB 2.0 port	Hi-Speed USB 2.0 port, Fast Ethernet 10/100Base-TX network port, Wireless 802.11 b/g/n
Wireless	No	Yes, built-in Wi-Fi 802.11b/g/n
Mobile printing capability <sup>5</sup>		Apple AirPrint™; Google Cloud Print™; Mobile Apps; Mopria™ Certified; Wi-Fi® Direct printing
Supported network protocols	No	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
Network capabilities	No	Via built-in 10/100 Base-TX networking
Memory	<b>Standard</b> : 64 MB; <b>Maximum</b> <sup>6</sup> : 64 MB	
<b>Media handling</b>		
Number of paper trays	<b>Standard</b> : 1 ; <b>Maximum</b> : 1	
Media types	Plain, Light, Heavy, Extra Heavy, Coloured, Preprinted, Recycle, Labels, Bond, Glossy	
Media size	<b>Custom (metric)</b> : 76 x 148.5 to 216 x 356 mm ; <b>Supported (metric)</b> : Tray 1: A4; A5; A6; B5 (JIS); Oficio (216 x 340 mm); Tray 2: Not supported; Optional Automatic duplexer: Not supported	
Media handling	<b>Standard input</b> : 150 sheet input tray <b>Standard output</b> : 50 sheet output bin	
Media weight	60 to 220 g/m <sup>2</sup> ;	
Input capacity	<b>Tray 1</b> : Sheets (75 g/m <sup>2</sup> ): 150 <b>Maximum</b> : Up to 150 sheets	
Output capacity	<b>Standard</b> : Up to 50 sheets <b>Maximum</b> : Up to 50 sheets	
Compatible operating systems <sup>6</sup>	Windows®: 7 (32/64-bit), 2008 Server R2, 8 (32/64-bit), 8.1 (32/64-bit), 10 (32/64-bit), 2012 Server, 2016 Server	Windows® 7 (32/64-bit), 2008 Server R2, 8 (32/64-bit), 8.1 (32/64-bit), 10 (32/64-bit), 2012 Server, 2016 Server; macOS v10.14 Mojave, macOS v10.13 High Sierra, macOS v10.12 Sierra, OS X v10.11 El Capitan
Compatible network operating systems	Windows®: 7 (32/64-bit), 2008 Server R2, 8 (32/64-bit), 8.1 (32/64-bit), 10 (32/64-bit), 2012 Server, 2016 Server	Windows® 7 (32/64-bit), 2008 Server R2, 8 (32/64-bit), 8.1 (32/64-bit), 10 (32/64-bit), 2012 Server, 2016 Server; macOS v10.14 Mojave, macOS v10.13 High Sierra, macOS v10.12 Sierra, OS X v10.11 El Capitan
Minimum system requirements	<b>Windows</b> : Windows 7 or newer, Intel® Pentium® IV 1 GHz 32-bit or 64-bit processor or higher, 1 GB RAM, 16 GB HDD;	<b>Windows</b> : Windows® 10, 8.1, 8, 7: 32/64-bit, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer; <b>Mac</b> : 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
Software included	Common Installer, V3 Print driver with Lite SM	
Security management	No	Password-protected network embedded Web server; Enable/disable Network ports; SNMPv1 community password change; SNMPV2&V3; IPsec; Filtering: MAC, IPv4, IPv6
<b>Dimensions and weight</b>		
Printer dimensions (W x D x H)	<b>Minimum</b> 382 x 309 x 211.5 mm; <b>Maximum</b> : 382 x 397.8 x 274.4 mm	
Printer weight	10.04 kg	
Operating environment	<b>Temperature</b> : 10 to 30°C; <b>Humidity</b> : 20 to 70% RH (non-condensing)	
Storage conditions	<b>Temperature</b> : -20 to 40°C	
Acoustics	<b>Acoustic power emissions</b> : 6.5B (A) (printing at 18 ppm with monochrome mode); 6.1B (A) (printing at 4 ppm with colour mode);	
Power	<b>Requirements</b> : 220 to 240 VAC, 50/60Hz ; <b>Consumption</b> : Active Printing: 282 W; Ready: 27 W; Sleep: 1.0 W; Manual Off: 0.2 W; Auto Off/Manual On: 0.2 W ; <b>Typical Electricity Consumption (TEC)</b> : Blue Angel: 0.873 kWh/Week; Energy Star: 0.988 kWh/Week ; <b>Power supply type</b> : Internal (built-in) Power Supply	
Energy savings feature technology	HP Auto-Off Technology; Power save	
Certifications	<b>Electromagnetic emission standard</b> : EN 61000-3-2:2014, EN 61000-3-3:2013, EN55024:2010, EN 55032:2012/AC:2013, 47 CFR Part 15, Subpart B I ANSI 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 CECP	
Sustainable impact specifications	Mercury free	
Country of origin	Made in China	
What's in the box <sup>7</sup>	4ZB94A HP Color Laser 150a 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	4ZB95A 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
Warranty	One-year limited hardware warranty; For more info please visit us at <a href="https://www.support.hp.com">https://www.support.hp.com</a>	

## Footnotes

- <sup>1</sup> 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 CVQ2 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. For details, see [keypointintelligence.com/HPColorLaser](http://keypointintelligence.com/HPColorLaser).
- <sup>2</sup> Requires the HP Smart app download. For details on local printing requirements see <http://hp.com/go/mobileprinting>.
- <sup>3</sup> Excludes first set of test documents. For more information, see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application, driver, and document complexity.
- <sup>4</sup> Feature available only for HP Color Laser 150nw.
- <sup>5</sup> For details on local printing requirements see <http://hp.com/go/mobile printing>.
- <sup>6</sup> 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®.
- <sup>7</sup> Mobile device needs to be connected to Wi-Fi Direct® signal of a Wi-Fi Direct-supported AiO or printer prior to printing. Details at <http://hp.com/go/mobileprinting>. Wi-Fi Direct® is a registered trademark of Wi-Fi Alliance®.

## Technical specifications disclaimers

- <sup>1</sup> 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.
- <sup>2</sup> 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.
- <sup>3</sup> Manual duplex, booklet print, N-up printing, skip blank pages, collation, poster print, watermarks. Accepts a variety of paper sizes and types.
- <sup>4</sup> Maximum Memory is 64 MB (not expanded).
- <sup>5</sup> May require a firmware upgrade to be compatible, download at <http://www.hp.com/go/support>.
- <sup>6</sup> Windows 7 or higher.
- <sup>7</sup> 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>.

