

# HP Laser 100 Printer series



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

Get productive print performance at an affordable price. Produce high-quality results, and print and scan from your phone.<sup>1,2</sup>



HP Laser 107a



HP Laser 107w

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

- Ideal size for any workspace
- Sharp black text, crisp graphics
- Legendary HP reliability
- Speeds up to 20 ppm in A4<sup>2</sup>
- USB 2.0 high speed connectivity
- Wireless -network printing (107w only)<sup>3</sup>
- In box 500 pages initial toner
- Easy mobile printing with the HP Smart app (107w only)<sup>4</sup>
- Apple AirPrint™, Mopria-certified, Google Cloud Print™ certified



Compact size



Quality laser printing



Legendary HP reliability



Mobile printing

### Laser performance at an affordable price

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

### Designed to fit your space

- You can fit this printer almost anywhere – it's that small and compact.
- Get print speeds up to 20 ppm.<sup>3</sup>

### Easy mobile printing and scanning with HP Smart app

- Get simple setup, and print and scan from your phone, with the HP Smart app.<sup>1,2</sup>
- Easily print from a variety of smartphones and tablets.<sup>2,4</sup>
- Easily share resources – access and print with wireless networking.<sup>2,5</sup>
- Connect your smartphone or tablet directly to your printer – easily print without accessing a network.<sup>2,6</sup>

## Product walkaround

HP Laser 107w shown

1. 100 sheet output bin
2. LED control panel
3. Hi-Speed USB 2.0 port
4. 20 ppm A4
5. Built-in wireless networking; Wi-Fi Direct printing (w model only)
6. 150 sheet input tray
7. Pre-installed Original HP Toner cartridge delivers up to 500 pages



## Series at a glance



Model	HP Laser 107a	HP Laser 107w
Product number	4ZB77A	4ZB78A
Memory/processor	64MB/400MHz	
Control panel	LED indicator	
Mobile printing	None	HP's best-in-class mobile printing app - HP Smart App; AirPrint 1.8 enabled; Mopria; Google Cloud Print™
Connectivity	USB 2.0 High-speed	USB 2.0 High-speed, Wireless, Wi-Fi Direct
Recommended Monthly Page Volume	Up to 1,500 pages	
Print speed (A4)	Up to 20 ppm	

## Configurable Items, Accessories, Supplies and Support

Supplies	W1106A HP 106A Black Original Laser Toner Cartridge (~1,000 pages)
Service and Support	<b>UB4W1E</b> HP 3 year Standard Exchange Service for Laser 107 series <b>UB4V8E</b> HP 3 year Next Business Day Exchange Service for Laser 107 series <b>UB4W3E</b> HP 2 year Return to Depot Service for Laser 107 series (UB4W1E - All EMEA countries except ME, Africa, South Africa, Israel, Turkey, UB4V8E - Austria, Belgium, Denmark, Finland, France, Germany, Ireland, Italy, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, UK, Czech Republic, Greece, Hungary, Poland, Slovakia, UB4W3E - ME, Africa, South Africa, Israel, Turkey)

## Technical specifications

Model	HP Laser 107a	HP Laser 107w
Product number	4ZB77A	4ZB78A
Functions	Print	
Control panel	Buttons (Power, Cancel); LED indicator lights (Power, Toner, Attention)	Buttons (Power, Cancel, Wireless); LED indicator lights (Power, Wireless, Toner, Attention)
<b>Print</b>		
Print technology	Laser	
Print speed <sup>1</sup>	<b>Black (A4, normal)</b> Up to 20 ppm;	
First page out <sup>2</sup>	<b>Black (A4, ready):</b> As fast as 8.3 sec; <b>Black (A4, sleep):</b> As fast as 18 sec;	
Print resolution	<b>Black (best):</b> Up to 1,200 x 1,200 dpi; <b>Technology:</b> ReCP;	
Monthly duty cycle <sup>3</sup>	Up to 10,000 pages A4; <b>Recommended monthly page volume<sup>4</sup>:</b> 100 to 1,500	
Printer smart software features	Manual duplex, N-up printing, collation, watermarks, accepts a variety of 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)	

<b>Model</b>	<b>HP Laser 107a</b>	<b>HP Laser 107w</b>
<b>Product number</b>	4ZB77A	4ZB78A
<b>Processor speed</b>	400 MHz	
<b>Connectivity</b>		
Standard	Hi-Speed USB 2.0 port	Hi-Speed USB 2.0 port, Wireless 802.11 b/g/n
Wireless	No	Yes, built-in Wi-Fi 802.11 b/g/n
Mobile printing capability		HP Smart App; Apple AirPrint™; Google Cloud Print™; Mobile Apps; Mopria™ Certified; Wi-Fi® Direct printing; Mopria™-certified
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
<b>Memory</b>	<b>Standard:</b> 64 MB; <b>Maximum:</b> 64 MB	
<b>Media handling</b>		
Number of paper trays	<b>Standard:</b> 1 ; <b>Maximum:</b> 1	
Media types	Plain, Thick, Thin, Cotton, Colour, Preprinted, Recycled, Labels, CardStock, Bond, Archive, Envelope	
Media size	<b>Custom (metric):</b> 76 x 127 to 216 x 356 mm ; <b>Supported (metric):</b> A4; A5; A5 (LEF); B5 (JIS); Oficio; Envelope (DL, C5); 76 x 127 to 216 x 356 mm	

Model	HP Laser 107a	HP Laser 107w
Product number	4ZB77A	4ZB78A
Media handling	<b>Standard input:</b> 150 sheet input tray <b>Standard output:</b> 100 sheet output bin	
Media weight	60 to 163 g/m <sup>2</sup> ;	
Input capacity	<b>Tray 1:</b> Sheets (75 g/m <sup>2</sup> ): 150; Envelopes: 10 <b>Maximum:</b> Up to 150 sheets	
Output capacity	<b>Standard:</b> Up to 100 sheets Envelopes: Up to 10 envelopes <b>Maximum:</b> Up to 100 sheets	
Compatible operating systems <sup>6</sup>	Windows <sup>®</sup> : 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 <sup>®</sup> 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 <sup>®</sup> : 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 <sup>®</sup> 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 <sup>®</sup> Pentium <sup>®</sup> IV 1 GHz 32/64-bit processor or higher, 1 GB RAM, 16 GB HDD;	<b>Windows:</b> Windows <sup>®</sup> 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 <sup>®</sup> 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, Printer Manager (for USB only model)	
Security management		Password-protected network embedded Web server; Enable/disable Network ports; SNMPv1 community password change; SNMPV2&V3; IPSec; Filtering: MAC, IPv4, IPv6
Printer management	None	
<b>Dimensions and weight</b>		
Printer dimensions (W x D x H) <sup>7</sup>	<b>Minimum</b> 331 x 215 x 178 mm; <b>Maximum:</b> 331 x 350 x 248 mm;	
Package dimensions (W x D x H)	384 x 280 x 261 mm	
Printer weight <sup>8</sup>	4.16 kg	
Package weight	5.7 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> 6.5 B(A);	
Power <sup>9</sup>	<b>Requirements:</b> 220 to 240 VAC, 50/60Hz; <b>Consumption:</b> 320 watts (Active Printing), 33 watts (Ready), 1.1 watts (Sleep), 0.2 watts (Manual Off), 0.2 watts (Auto Off/Manual On); <b>Typical Electricity Consumption (TEC)</b> <sup>10</sup> : Blue Angel: 0.731 kWh/Week; Energy Star: 0.775 kWh/Week; <b>Power supply type:</b> Internal (built-in) Power Supply;	
Energy savings feature technology	HP Auto-Off Technology; Power save	
Certifications	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	
Sustainable impact specifications	Mercury free	
Blue Angel compliant	Yes, Blue Angel DE-UZ 205—only ensured when using Original HP supplies	
Country of origin	Made in China	
What's in the box <sup>11</sup>	HP Laser 107a Printer; Preinstalled introductory HP Laser Black print cartridges (500 pages); Setup guide; Reference guide; Regulatory statements flyer; Power cord	HP Laser 107w Printer; Preinstalled introductory HP Laser Black print cartridges (500 pages); Setup guide; Reference guide; Regulatory statements flyer; 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> Requires the HP Smart app download. For details on local printing requirements see <http://www.hp.com/go/mobileprinting>.
- <sup>2</sup> Wireless and mobile printing available only on w models.
- <sup>3</sup> Measured using ISO/IEC 24734, 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> For details on local printing requirements see <http://www.hp.com/go/mobileprinting>.
- <sup>5</sup> Wireless operations are compatible with 2.4 GHz and 5.0 GHz operations only. Learn more at <http://www.hp.com/go/mobileprinting>. Wi-Fi is a registered trademark of Wi-Fi Alliance®.
- <sup>6</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://www.hp.com/go/mobileprinting>. Wi-Fi Direct® is a registered trademark of Wi-Fi Alliance®.

## Technical specifications disclaimers

- <sup>1</sup> Measured using ISO/IEC 24734, 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>2</sup> Measured using ISO/IEC 17629. 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>3</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 LaserJet or HP Color LaserJet devices, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups.
- <sup>4</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>5</sup> Maximum Memory is 64 MB (not expanded).
- <sup>6</sup> Windows 7 or higher.
- <sup>7</sup> Dimensions vary as per configuration.
- <sup>8</sup> Weight varies as per configuration.
- <sup>9</sup> 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. Power consumption values typically based on measurement of 115V device.
- <sup>10</sup> 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 115V device and 230V for Blue Angel.
- <sup>11</sup> Introductory cartridges included; Yield: 500 black pages. Replacement cartridge average declared yield 1,000 based on ISO/IEC 19752. Actual yield varies considerably based on content of printed pages and other factors. For details see <http://www.hp.com/go/learnaboutesupplies>.



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