HP Laser 107w (4ZB78A)



Overview

Laser performance at an affordable price

Get productive print performance at an affordable price. Produce high-quality results, and print and scan from your phone.[1]

Laser performance at an affordable price

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

Easy mobile printing and scanning with HP app

Get simple setup, and print and scan from your phone, with the HP Smart app.[1]

Designed to fit your space

You can fit this printer almost anywhere – it's that small and compact.

Features

Uncompromising laser quality

Sharp, black text

The right price

The power of your printer in the palm of your hand[1]

Your device, your choice[3]

Extend your printing reach[4]

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

[3] Measured using ISO/IEC 24734, excludes first set of test documents. Exact speed varies depending on the system configuration, software application, driver, and document complexity.

[4] 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®.

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Specifications

Print Resolution Technologies	ReCP
Print quality black (best)	Up to 1,200 x 1,200 dpi
Print speed black (ISO, A4)	Up to 20 ppm
Print speed black (ISO, letter)	Up to 21 ppm
Print speed	Print speed up to 21 ppm (black)
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 10,000 pages
Duty cycle (monthly, letter)	Up to 10,000 pages[11]
Printer smart software features	Manual duplex, N-up printing, collation, watermarks, accepts a variety of paper sizes and types
Energy savings feature technology	HP Auto-On/Auto-Off Technology; Power save
Replacement cartridges	W1106A HP 106A Black Original Laser Toner Cartridge (1,000 pages)[6]
Connectivity, standard	Hi-Speed USB 2.0 port, Wireless 802.11 b/g/n
Wireless capability	Yes, built-in Wi-Fi 802.11b/g/n
Mobile printing capability	Apple AirPrint™; Mobile Apps; Mopria™ certified; HP app
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, Printer Manager (for USB only model)
Compatible Operating Systems	Windows 8; Windows 8.1; Windows 10[13] *([13] Windows 10 or higher)*
Sustainability specifications	Mercury free
Display	LED
Dimensions (W x D x H)	331 x 215 x 178 mm *([1] Dimensions vary as per configuration)*
Dimensions (W x D x H)	13.03 x 8.46 x 7.01 in *([1] Dimensions vary as per configuration)*

Weight	4.16 kg[3] *([3] Weight varies as per configuration)*
Power consumption	320 watts (Active Printing), 33 watts (Ready), 1.1 watts (Sleep), 0.2 watts (Manual Off), 0.2 watts (Auto Off/Manual On)[4]
Power supply type	Internal (built-in) Power Supply
What's in the box	HP Laser 107w Printer; Preinstalled introductory HP Laser Black print cartridges (500 pages); Setup guide; Reference guide; Regulatory statements flyer; Power cord; USB cable[14]
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)	6.5 B(A)
Additional information about HP	https://www.hp.com
Additional information about HP in the countries	https://www.hp.com/uk
Cable included	Yes, 1 USB cable
Color or black	Black and white
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	Buttons (Power, Cancel, Wireless); LED indicator lights (Power, Wireless, Toner, Attention)
Datasheet photo 1	Publication photos/HP Laser 107w Mirage Front.jpg
Datasheet photo 2	Publication photos/HP Laser 107w Mirage Front.jpg
Datasheet photo 3	Publication photos/HP Laser 107w wap.jpg
Datasheet photo 4	Publication logos/Compact_size_thin_icon.jpg
Datasheet photo 5	Publication logos/Quality_laser_printing_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://support.hp.com
Duty cycle note	[11] 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 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.)
End of Life CO2e (kg)	4.606
Energy Usage CO2e (kg)	44.618
FCC Class A emissions	FCC Class A emissions - for use in commercial environments, not residential environments
Finished output handling	Sheetfed
First page out black (A4, ready)	As fast as 8.3 sec
First page out black (A4, sleep)	As fast as 18 sec (15 min)
First page out black (letter, ready)	As fast as 8.3 sec

First page out black (letter, sleep)	As fast as 18 sec (15 min)
First page out footnote	[10] 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.
Input capacity	Up to 150 sheets
Mac compatible	Yes
Maximum Memory	64 MB
Maximum dimensions (W x D x H)	331 x 350 x 248 mm
Maximum dimensions (W x D x H)	13.03 x 13.78 x 9.76 in
Maximum input capacity (sheets)	Up to 150 sheets
Maximum output capacity (sheets)	Up to 100 sheets
Maximum print area	216 x 356 mm
Media size, tray 1	A4; A5; A5(LEF); B5 (ISO); B5 (JIS); Oficio; Envelope (DL, C5); 76 x 127 to 216 x 356 mm
Media sizes supported	A4; A5; A5(LEF); B5 (JIS); Oficio; Envelope (DL, C5); 76 x 127 to 216 x 356mm
Media sizes supported	Letter; Legal; Executive; Oficio 216x340mm, Oficio 8.5x13 in, Envelope (No.10, Monarch); 4x6 in
Media sizes supported, key	10 x 15 cm; A4; Envelopes
Media sizes supported, key	4 x 6 in; Letter; Legal; Envelopes
Media sizes, custom	76 x 127 to 216 x 356 mm
Media sizes, custom	3 x 5 to 8.5 x 14 in
Media type and capacity, tray 1	Sheets (75 g/m²): 150; envelopes: 10
Media types	Plain, Thick, Thin, Cotton, Color, Preprinted, Recycled, Labels, CardStock, Bond, Archive, Envelope
Media weight (tray 1)	60 to 163 g/m²
Media weight, supported	60 to 163 g/m²
Media weight, supported	16 to 43 lb
Memory	64 MB
Memory card compatibility	None
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	Mac: Apple®OS X El Capitan (v10.11) macOS Sierra (v10.12) macOS High Sierra, (v10.13); 1.5 GB HD; Internet required; USB
Model number	107w
Number of users	1-5 Users
Operating humidity range	10 to 80% RH (non-condensing)
Operating temperature range	10 to 30°C

Operating temperature range	50 to 86°F
Output capacity	Up to 100 sheets
Package dimensions (W x D x H)	384 x 280 x 261 mm
Package dimensions (W x D x H)	15.1 x 11.0 x 10.2 in
Package weight	5.7 kg
Page yield (set-up/inbox cartridges)	500 pages black
Page yield footnote	[7] Declared yield value in accordance with ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/learnaboutsupplies.
Pallet dimensions	47.2 x 39.3 x 82.2 in
Pallet dimensions (W x D x H)	1200 x 1000 x 2350 mm
Paper handling input, standard	150-sheet input tray
Paper handling output, standard	100-sheet output bin
Paper trays, maximum	1
Paper trays, standard	1
Photo (product photo, jpg, 70x100)	Printing and Digital Imaging/CB413A_70x100.jpg
Plug and play	Auto Wireless Connect; HP Smart Install
Power	220 to 240 VAC, 50/60Hz
Print Cartridges/Bottle, Number	1 (black)
Print Technology	Laser
Print languages	SPL
Print quality black (normal)	600 x 600 dpi
Print technology	Laser
Printer Management	None
Processor speed	400 MHz
Product long name specifications	HP Laser 107w, Black and white Printer for Small Office, Print
Product short name specifications	HP Laser 107w Wireless Black and white Printer, Duplex
Production CO2e (kg)	48.693
Recommended monthly page volume	100 to 1,500[12]
Recommended monthly page volume note	[12] 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.
Recommended operating humidity range	20 to 70% RH (non-condensing)
Recommended operating temperature range	15 to 27°C

Recommended operating temperature range	59 to 80.6°F
Replacement cartridges footnote	[6] Declared yield value in accordance with ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/learnaboutsupplies .
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); UL/cUL Listed and UC CoC (US/Canada); CAN/CSA C22.2 No. 60950-1-07 2nd Ed. 2014-10; 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; SNMPV3; IPSec; Filtering: MAC, IPv4, IPv6
Segment (filter)	Small medium business
Standard input capacity (envelopes)	Up to 10
Standard output capacity (envelopes)	Up to 10 envelopes
Storage temperature range	-20 to 40°C
Storage temperature range	-4 to 104°F
Target user and print volume	For teams up to 5 users; Prints up to 1,500 pages/month
Technology logo 2	Publication logos/windows 10_logo_EMEA.jpg
Technology logo 3	Publication logos/USBhiColour.jpg
Technology logo 4	Publication logos/wireless direct.jpg
Technology logo 5	Publication logos/AirPrint.jpg
Technology logo 6	Publication logos/Mopria logo TM new.jpg
Total CO2e (kg)	99.362 *(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.)*
Transportation CO2e (kg)	1.445
Typical electricity consumption (TEC) footnote	[5] 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.
UNSPSC code	43212105
UPC number	(A1Z) 821844743614; (ABT) 193015506428; (ABY) 193808342202; (ACQ) 193015506442; (B13) 193905621552; (B19) 193015506459; (BAZ) 193808342219

Warm-up time	32 sec
Waste electrical and electronic weight	4.15 kg
Web address for additional information	http://www.hp.com/support/laser100
What is in the box footnote	[14] Introductory cartridges included; yields 500 black pages. Replacement cartridge average declared yield 1000 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/learnaboutsupplies

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[3] Weight varies as per configuration.

[4] 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.

[6] Declared yield value in accordance with ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/learnaboutsupplies .

[11] 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.

[12] 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.

[13] Windows 7 or higher

[14] Introductory cartridges included; yields 500 black pages. Replacement cartridge average declared yield 1000 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/learnaboutsupplies

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Ink/Toner/Paper/Printer Supplies

HP Laser Toner Cartridges and Kits

★ : Recommended

HP Black and White Laser Toner Printer Cartridges

HP 106A Black Original Laser Toner Cartridge	W1106A

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

Services

HP Care Pack Services

★ : Recommended

Imaging and Printing Consumer Care Pack Services

HP 3y Ret to Depot Laser 10x 13xMFP SVC	UB4W4E
HP 4 year Return to Depot Service for Laser 10x and 13x MFP	UB4W5E

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