



# HP Sales Central

## HP Laser 107w (4ZB78A)

Active as of 01/07/2019



### Overview

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

Dynamic security enabled printer. Only intended to be used with cartridges using an HP original chip. Cartridges using a non-HP chip may not work, and those that work today may not work in the future.

<http://www.hp.com/go/learnaboutsupplies>

#### 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>2</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</sup>

Easily print from a variety of smartphones and tablets. <sup>3</sup>

Easily share resources – access and print with wireless networking. <sup>4</sup>

## Specifications

#### Functions

Print

#### Print speed black (ISO, A4)

Up to 20 ppm<sup>1</sup>

#### First page out black (A4, ready)

As fast as 8.3 sec

#### Duty cycle (monthly, A4)

Up to 10,000 pages<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.)*

#### Recommended monthly page volume

100 to 1,500<sup>4</sup>

#### Number of users

1-5 Users

#### Print technology

Laser

**Print quality black (best)**

Up to 1,200 x 1,200 dpi

**Processor speed**

400 MHz

**Print languages**

SPL

**Display**

LED

**Number of print cartridges**

1 (black)

**Mac compatible**

Yes

**Printer Management**

None

**Security management**

Password-protected network embedded Web server; Enable/disable Network ports; SNMPv1 community password change; SNMPV2&V3; IPSec; Filtering: MAC, IPv4, IPv6

**Mobile printing capability**

HP Smart App; Apple AirPrint™; Google Cloud Print™; Mobile Apps; Mopria™ Certified; Wi-Fi® Direct printing; Mopria™-certified

**Wireless capability**

Yes, built-in Wi-Fi 802.11b/g/n

**Connectivity, standard**

Hi-Speed USB 2.0 port, Wireless 802.11 b/g/n

**Minimum System Requirements**

Windows 7 or newer, Intel® Pentium® IV 1 GHz 32/64-bit processor or higher, 1 GB RAM, 16 GB HDD

**Minimum System Requirements for Macintosh**

OS X v10.11 or newer, 1.5 GB available hard disk space, Internet, USB

**Compatible 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; macOS v10.14 Mojave, macOS v10.13 High Sierra, macOS v10.12 Sierra, OS X v10.11 El Capitan<sup>6</sup>

*(Windows 7 or higher)*

**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; macOS v10.14 Mojave, macOS v10.13 High Sierra, macOS v10.12 Sierra, OS X v10.11 El Capitan

**Memory**

64 MB

**Maximum Memory**

64 MB

**Memory card compatibility**

None

**Paper handling input, standard**

150 sheet input tray

**Input capacity**

Up to 150 sheets

**Maximum input capacity (sheets)**

Up to 150 sheets

**Paper handling output, standard**

100 sheet output bin

**Output capacity**

Up to 100 sheets

**Maximum output capacity (sheets)**

Up to 100 sheets

**Finished output handling**

Sheetfed

**Duplex printing**

Manual (driver support provided)

**Paper trays, standard**

1

**Paper trays, maximum**

1

**Media sizes supported**

A4; A5; A5 (LEF); B5 (JIS); Oficio; Envelope (DL, C5); 76 x 127 to 216 x 356 mm

**Media sizes, custom**

76 x 127 to 216 x 356 mm

**Media types**

Plain, Thick, Thin, Cotton, Colour, Preprinted, Recycled, Labels, CardStock, Bond, Archive, Envelope

**Media weight, supported**

60 to 163 g/m<sup>2</sup>

**Power**

220 to 240 VAC, 50/60Hz

**Power supply type**

Internal (built-in) Power Supply

**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)<sup>9</sup>

**Typical electricity consumption (TEC) number**

Blue Angel: 0.731 kWh/Week; Energy Star: 0.775 kWh/Week

**Operating temperature range**

10 to 30°C

**Recommended operating humidity range**

20 to 70% RH (non-condensing)

**Minimum dimensions (W x D x H)**

331 x 215 x 178 mm

*(Dimensions vary as per configuration)*

**Maximum dimensions (W x D x H)**

331 x 350 x 248 mm

*(Dimensions vary as per configuration)*

**Weight**

4.16 kg

**UPC number**

(ABT) 193015506428; (ABY) 193808342202; (ACQ) 193015506442; (B13) 193905621552; (B19) 193015506459; (BAZ) 193808342219

**Package dimensions (W x D x H)**

384 x 280 x 261 mm

**Package weight**

5.7 kg

**Country of origin**

Made in China

**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

**Cable included**

Yes, 1 USB cable

**Replacement cartridges**

W1106A HP 106A Black Original Laser Toner Cartridge (1,000 pages)

**Software included**

Common Installer

V3 Print Driver with Lite SM

Printer Manager (for USB only model)

**Warranty**

One-year limited hardware warranty; For more info please visit us at <https://www.support.hp.com>

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**Overview**

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

**Specifications**

- 1 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.
- 3 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.
- 4 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.
- 6 Windows 7 or higher.
- 9 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.

## Supplies

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### HP Laser Toner Cartridges and Kits

#### HP Black and White Laser Toner Printer Cartridges

Active	HP 106A Black Original Laser Toner Cartridge	W1106A
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### HP Paper Designed for Laser Printers

#### HP Laser Everyday Paper

Active	HP Laser Everyday Business Paper – A3, glossy, 120gsm	7MV81A
Active	HP Laser Everyday Business Paper – A4, glossy, 120gsm	7MV82A

#### HP Professional Laser Paper

Active	HP Laser Professional Business Paper – A4, Glossy, 200gsm	7MV83A
Active	HP Laser Professional Business Paper – A4, Matte, 200gsm	7MV80A
Active	HP Professional Glossy Laser Paper 150 gsm-150 sht/A4/210 x 297 mm	CG965A

### HP Paper for Multiple Uses

#### HP Multi-use Everyday Paper

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

#### HP Multi-use Professional Paper

Active	HP Inkjet, PageWide and Laser Professional Business Paper – A4, glossy, 180gsm	3VK91A
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## Detailed Specifications

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**Acoustic power emissions (active, printing)**

6.5 B(A)

**Additional information about HP**

<http://www.hp.com>

**Additional information about HP in the countries**

<http://www.hp.com/uk>

**Blue Angel compliant**

Yes, Blue Angel DE-UZ 205—only ensured when using Original HP supplies

**Bottom margin (A4)**

5 mm

**Cable included**

Yes, 1 USB cable

**Code name**

Mirage

**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; macOS v10.14 Mojave, macOS v10.13 High Sierra, macOS v10.12 Sierra, OS X v10.11 El Capitan

**Compatible 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; macOS v10.14 Mojave, macOS v10.13 High Sierra, macOS v10.12 Sierra, OS X v10.11 El Capitan

**Connectivity, standard**

Hi-Speed USB 2.0 port, Wireless 802.11 b/g/n

**Control panel**

Buttons (Power, Cancel, Wireless); LED indicator lights (Power, Wireless, Toner, Attention)

**Copyright notice**

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**Country of origin**

Made in China

**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

**Datasheet publication number**

4AA7-4844

**Dimension(W x D x H) Footnote Number**

[7]

**Dimensions (W x D x H) Note**

Dimensions vary as per configuration

**Display**

LED

**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>

**Duplex printing**

Manual (driver support provided)

**Duty cycle (monthly, A4)**

Up to 10,000 pages

**Duty cycle footnote number**

[3]

**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 LaserJet or HP Color LaserJet devices, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups.

**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 | 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

**Energy savings feature technology**

HP Auto-Off Technology; Power save

**Environmental**

Mercury free

**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

**First page out footnote number**

[2]

**Functions**

Print

**Image legal disclaimer**

Product image may differ from actual product

**Input capacity**

Up to 150 sheets

**Left margin (A4)**

5 mm

**Mac compatible**

Yes

**Maximum dimensions (W x D x H)**

331 x 350 x 248 mm

**Maximum input capacity (sheets)**

Up to 150 sheets

**Maximum Memory**

64 MB

**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 356 mm

**Media sizes supported, key**

10 x 15 cm; A4; Envelopes

**Media sizes, custom**

76 x 127 to 216 x 356 mm

**Media type and capacity, tray 1**

Sheets (75 g/m<sup>2</sup>): 150; Envelopes: 10

**Media types**

Plain, Thick, Thin, Cotton, Colour, Preprinted, Recycled, Labels, CardStock, Bond, Archive, Envelope

**Media weight (tray 1)**

60 to 163 g/m<sup>2</sup>

**Media weight, supported**

60 to 163 g/m<sup>2</sup>

**Memory**

64 MB

**Memory card compatibility**

None

**Minimum dimensions (W x D x H)**

331 x 215 x 178 mm

**Minimum System Requirements**

Windows 7 or newer, Intel® Pentium® IV 1 GHz 32/64-bit processor or higher, 1 GB RAM, 16 GB HDD

**Minimum System Requirements for Macintosh**

OS X v10.11 or newer, 1.5 GB available hard disk space, Internet, USB

**Mobile printing capability**

HP Smart App; Apple AirPrint™; Google Cloud Print™; Mobile Apps; Mopria™ Certified; Wi-Fi® Direct printing; Mopria™-certified

**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

**Number of print cartridges**

1 (black)

**Number of users**

1-5 Users

**Operating humidity range**

10 to 80% RH (non-condensing)

**Operating system (supported note)**

Windows 7 or higher

**Operating system supported footnote number**

[6]

**Operating temperature range**

10 to 30°C

**Output capacity**

Up to 100 sheets

**Package dimensions (W x D x H)**

384 x 280 x 261 mm

**Package weight**

5.7 kg

**Page yield footnote number**

[12]

**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

**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)

**Power consumption footnote number**

[9]

**Power supply type**

Internal (built-in) Power Supply

**Print languages**

SPL

**Print quality black (best)**

Up to 1,200 x 1,200 dpi

**Print quality black (normal)**

600 x 600 dpi

**Print Resolution Technologies**

ReCP

**Print speed**

Print speed up to 21 ppm

**Print speed (A4/letter) footnote number**

[1]

**Print speed black (ISO, A4)**

Up to 20 ppm

**Print technology**

Laser

**Print Technology**

Laser

**Printer Management**

None

**Printer smart software features**

Manual duplex, N-up printing, collation, watermarks, accepts a variety of paper sizes and types

**Processor speed**

400 MHz

**Recommended monthly page volume**

100 to 1,500

**Recommended monthly page volume footnote number**

[4]

**Recommended operating humidity range**

20 to 70% RH (non-condensing)

**Recommended operating temperature range**

15 to 27°C

**Replacement cartridges**

W1106A HP 106A Black Original Laser Toner Cartridge (1,000 pages)

**Replacement cartridges footnote number**

[12]

**Right margin (A4)**

5 mm

**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

**Services (Care Pack)**

UB4W1E HP 3 year Standard Exchange Service for Laser 107 series; UB4V8E HP 3 year Next Business Day Exchange Service for Laser 107 series; UB4W3E 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)

**Software included**

Common Installer, V3 Print Driver with Lite SM, Printer Manager (for USB only model)

**Standard input capacity (envelopes)**

Up to 10 envelopes

**Standard output capacity (envelopes)**

Up to 10 envelopes

**Storage temperature range**

-20 to 40°C

**Target user and print volume**

For teams up to 5 users; Prints up to 1,500 pages/month

**Tech spec footnote**

[1] 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.

**Tech spec footnote**

[10] 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.

**Tech spec footnote**

[11] 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/learnaboutsupplies>.

**Tech spec footnote**

[12] 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>.

**Tech spec footnote**

[2] 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.

**Tech spec footnote**

[3] 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.

**Tech spec footnote**

[4] 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.

**Tech spec footnote**

[5] Maximum Memory is 64 MB (not expanded).

**Tech spec footnote**

[6] Windows 7 or higher.

**Tech spec footnote**

[7] Dimensions vary as per configuration.

**Tech spec footnote**

[8] Weight varies as per configuration.

**Tech spec footnote**

[9] 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.

**Technology logo, print 1**

Publication logos/Blue Angel uz205\_logo.jpg

**Technology logo, print 2**

Publication logos/windows 10\_logo\_EMEA.jpg

**Technology logo, print 3**

Publication logos/USBhiColour.jpg

**Technology logo, print 4**

Publication logos/wireless direct.jpg

**Technology logo, print 5**

Publication logos/AirPrint.jpg

**Technology logo, print 6**

Publication logos/Mopria.jpg

**Top margin (A4)**

5 mm

**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 115V device and 230V for Blue Angel.

**Typical electricity consumption (TEC) footnote number**

[10]

**Typical electricity consumption (TEC) number**

Blue Angel: 0.731 kWh/Week; Energy Star: 0.775 kWh/Week

**UPC number**

(ABT) 193015506428; (ABY) 193808342202; (ACQ) 193015506442; (B13) 193905621552; (B19) 193015506459; (BAZ) 193808342219

**Warm-up time**

32 sec

**Warranty**

One-year limited hardware warranty; For more info please visit us at <https://www.support.hp.com>

**Waste electrical and electronic weight**

4.15 kg

**Web address for additional information**

<http://www.hp.com/support/laser100>

**Weight**

4.16 kg

**Weight (metric) footnote number**

[8]

**Weight note (metric)**

Weight varies as per configuration

**What is in the box footnote number**

[11]

**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

**Wireless capability**

Yes, built-in Wi-Fi 802.11b/g/n

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