

HP Laser 107a (4ZB77A)

Overview



Laser performance at an affordable price

Get productive print performance at an affordable price, and easily produce high-quality results.

Legendary quality, surprisingly affordable price

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

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

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	HP 105A Black Original Laser Toner Cartridge (1000 yield) W1105A; HP 106A Black Original Laser Toner Cartridge (1000 yield) W1106A; HP 107A Blk Original Laser Toner Cartridge (1000 yield) W1107A ^[6]
Connectivity, standard	Hi-Speed USB 2.0 port
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] <i>([13] Windows 10 or higher)</i>
Sustainable impact specifications	Mercury free
Display	LED
Dimensions (W x D x H)	331 x 215 x 178 mm <i>([1] Dimensions vary as per configuration)</i>
Dimensions (W x D x H)	13.03 x 8.46 x 7.01 in <i>([1] Dimensions vary as per configuration)</i>
Weight	4.16 kg ^[3] <i>([3] Weight varies as per configuration)</i>
Weight	9.17 lb <i>([2] With print cartridges)</i>
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 boxPreinstalled introductory HP Laser Black print cartridges (~0.5K pages, WW); Setup Guide; Reference Guide; Regulatory Statements Flyer; Power cord; USB cable^[15]**Manufacturer Warranty**One-year limited hardware warranty; For more info please visit us at <https://support.hp.com>

Additional specifications

Acoustic power emissions (active, printing)	6.5 B(A)
Cable included	Yes, 1 USB; 1 USB PC to Printer (AP), No, please purchase USB cable separately (EMEA, AMS)
Cartons per layer	10
Color or black	Black and white
Compatible Network Operating Systems	Windows 8; Windows 8.1; Windows 10
Control panel	Buttons (Power, Cancel); LED indicator lights (Power, Toner, Attention)
Count of layers in pallet	9
Country of origin	Made in China
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.)
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	No
Maximum Memory	64 MB
Maximum dimensions (W x D x H)	13.03 x 13.78 x 9.76 in

Maximum dimensions (W x D x H)	331 x 350 x 248 mm
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	Letter; Legal; Executive; Oficio 216x340mm, Oficio 8.5x13 in, Envelope (No.10, Monarch); 4x6 in
Media sizes supported	A4; A5; A5(LEF); B5 (JIS); Oficio; Envelope (DL, C5); 76 x 127 to 216 x 356mm
Media sizes supported, key	4 x 6 in; Letter; Legal; Envelopes
Media sizes supported, key	10 x 15 cm; A4; Envelopes
Media sizes, custom	3 x 5 to 8.5 x 14 in
Media sizes, custom	76 x 127 to 216 x 356 mm
Media type and capacity, tray 1	Sheets (75 g/m ²): 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/m ²
Media weight, supported	16 to 43 lb
Media weight, supported	60 to 163 g/m ²
Memory	64 MB
Memory card compatibility	None
Minimum System Requirements	Windows 10 or newer, Intel® Pentium® IV 1 GHz 32-bit or 64-bit processor or higher, 1 GB RAM, 16 GB HDD
Model number	107a
Number of users	1-5 Users
Operating humidity range	10 to 80% RH (non-condensing)
Operating temperature range	50 to 86°F
Operating temperature range	10 to 30°C
Output capacity	Up to 100 sheets
Package dimensions (W x D x H)	15.1 x 11.0 x 10.2 in
Package dimensions (W x D x H)	384 x 280 x 261 mm
Package weight	5.7 kg
Package weight	12.5 lb
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
Pallet weight	1153 lb
Pallet weight	523 kg
Paper handling input, standard	150-sheet input tray
Paper handling output, standard	100-sheet output bin
Paper trays, maximum	1
Paper trays, standard	1
Plug and play	Auto Wireless Connect; HP Smart Install
Power	110-volt input voltage: 110 to 127 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 107a, Black and white Printer for Small Office, Print
Product short name specifications	HP Laser 107a Black and white Printer
Quantity per pallet	90
RMN number	SEOLA-1802-00
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	59 to 80.6°F
Recommended operating temperature range	15 to 27°C
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

Segment (filter)	Small medium business
Standard input capacity (envelopes)	Up to 10
Standard output capacity (envelopes)	Up to 10 envelopes
Storage temperature range	-4 to 104°F
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
Tariff numbers	8443321020
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	(696) 193015506329; (697) 193015506336; (ABT) 193015506343; (ABY) 193808342189; (AC8) 193015506350; (ACQ) 193015506367; (B13) 193905621545; (B19) 193015506374; (BAZ) 193808342196; (BBU) 193015506381; (BGJ) 193015506398
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 1500 black pages. Replacement cartridge average declared yield 1500 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 .

[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

[15] 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>.

Ink/Toner/Paper/Printer Supplies

HP Laser Toner Cartridges and Kits

★ : Recommended

HP Black and White Laser Toner Printer Cartridges

HP 105A Black Original Laser Toner Cartridge	W1105A
HP 106A Black Original Laser Toner Cartridge	W1106A
HP 107A Black Original Laser Toner Cartridge	W1107A
HP 110A Black Original Laser Toner Cartridge	W1110A
HP 110A Black Original Laser Toner Cartridge	W1112A
HP W1003AC Black Contract Original Laser Toner Cartridge	W1003AC
HP W1004AC Black Contract Original Laser Toner Cartridge	W1004AC

HP Business Papers

HP Business Papers for laser

HP Enhanced Business Paper, Glossy, 150 g/m ² , A4 (210 x 297 mm), 150 sheets	CG965A
HP Everyday Business Paper, Glossy, 32 lb, 8.5 x 11 in. (216 x 279 mm), 150 sheets	4WN08A
HP Professional Business Paper Glossy 200 g/m ² A4 (210 x 297 mm) 150 sheets	7MV83A
HP Professional Business Paper Glossy 52 lb 8.5 x 11 in. (216 x 279 mm) 150 sheets	4WN10A
HP Professional Business Paper Matte 200 g/m ² A4 (210 x 297 mm) 150 sheets	7MV80A
HP Professional Business Paper Matte 52 lb 8.5 x 11 in. (216 x 279 mm) 150 sheets	4WN05A

HP Home & Office Papers

HP Home & Office Papers for laser and inkjet

HP MultiPurpose20TM, 20 lb, 11 x 17 in. (279 x 432 mm), 250 sheets	HPM1720P
HP MultiPurpose20TM, 20 lb, 8.5 x 11 in. (216 x 279 mm), 500 sheets	HPM1120R
HP MultiPurpose20TM, 20 lb, 8.5 x 14 in. (216 x 356 mm), 500 sheets	HPM1420P

HP Paper for Multiple Uses

HP Recycled Paper

HP Multipurpose Recycled Paper-500 sht/Letter/8.5 x 11 in	4WN07A
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HP Multipurpose Recycled Paper-500 sht/Letter/8.5 x 11 in	4WN11A
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HP Multipurpose Recycled Paper-500 sht/Letter/8.5 x 11 in	7MV81A
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HP Multipurpose Recycled Paper-500 sht/Letter/8.5 x 11 in	7MV82A
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HP Paper Designed for Inkjet Printers

HP Inkjet Photo Paper

HP Professional Business Paper, Glossy, 48 lb, 8.5 x 11 in. (216 x 279 mm), 50 sheets	6MF93A
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