HP Laser 108w (4ZB80A)



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]

Legendary quality, surprisingly 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 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

Your device, your choice

Extend your printing reach

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

Specifications

Print Resolution Technologies	ReCP
Print Resolution Black (best)	Up to 1,200 x 1,200 dpi
Print Speed Black (normal, A4)	Up to 20 ppm
Print Speed Black (normal, letter)	Up to 21 ppm
Print Speed	Print speed up to 21 ppm (black)
Print Margin Bottom (A4)	5 mm
Print Margin Left (A4)	5 mm
Print Margin Right (A4)	5 mm
Print Margin Top (A4)	5 mm
AIO Functions	Print
Duplex Print Options	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	Power save
Replacement Cartridges	HP 110A Black Original Laser Toner Cartridge (~1500 yield) W1110A; HP 110A Black Original Laser Toner Cartridge (~1500 yield) W1112A[6]
Connectivity, Std	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™; Google Cloud Print™; Mobile Apps; Mopria™ certified; HP app; Wi-Fi Direct® printing
Supported Network Protocols	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
Ecolabels (fixed)	CECP
Display Description	LED
Product Dimensions W x D x H (metric)	331 x 215 x 178 mm *([1] Dimensions vary as per configuration)*

Product Dimensions W x D x H (imperial)	13.03 x 8.46 x 7.01 in *([1] Dimensions vary as per configuration)*
Weight (metric)	4.18 kg[3] *([3] Weight varies as per configuration)*
Weight (imperial)	9.22 lb *([2] With print cartridges)*
Power Consumption Description	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 Is In The Box	HP Laser 108w Printer; Preinstalled introductory HP Laser Black print cartridges; 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://support.hp.com

Additional specifications

Acoustic Power Emissions (active, printing)	6.5 B(A)
Cartons Per Layer	10
Color or Black (filter)	Black and white
Compatible Network Operating Systems	Windows 10; Android; iOS; macOS 12 Monterey; macOS 13 Ventura; MacOS v14 Sonoma; Linux
Connection Type	Wireless
Control Panel	Buttons (Power, Cancel, Wireless); LED indicator lights (Power, Wireless, Toner, Attention)
Count of Layers In Pallet	8
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.
Electromagnetic Emission Standard	GB17625.1-2012
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.
In Box Cable	Yes, 1 USB; 1 USB PC to Printer
Input Capacity, Envelopes (primary)	Up to 10
Input Capacity, Max	Up to 150 sheets
Input Capacity, Std	Up to 150 sheets
Key Media Sizes Supported (imperial)	4 x 6 in; Letter; Legal; Envelopes
Key Media Sizes Supported (metric)	10 x 15 cm; A4; Envelopes
Mac Compatible	Yes
Max Dimensions W x D x H (imperial)	13.03 x 13.78 x 9.76 in

Max Dimensions W x D x H (metric)	331 x 350 x 248 mm
Maximum Memory	64 MB
Media Handling, Document Finishing	Sheetfed
Media Size, Tray 1 (metric)	A4; A5; A5(LEF); B5 (ISO); B5 (JIS); Oficio; Envelope (DL, C5); 76 x 127 to 216 x 356 mm
Media Sizes Custom (imperial)	3 x 5 to 8.5 x 14 in
Media Sizes Custom (metric)	76 x 127 to 216 x 356 mm
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 Weights Supported, By Paper Path (Imperial)	16 to 43 lb
Media Weights Supported, By Paper Path (metric)	60 to 163 g/m²
Media Weights Supported, Tray 1 (metric)	60 to 163 g/m²
Memory Card Compatibility	None
Model Number	108w
Number of Simultaneous Users (local + network)	1-5 Users
Operating Humidity Range	10 to 80% RH (non-condensing)
Operating Humidity Range (recommended)	20 to 70% RH (non-condensing)
Operating Temperature Range (celsius)	10 to 30°C
Operating Temperature Range (fahrenheit)	50 to 86°F
Operating Temperature Range (recommended celsius)	15 to 27°C
Operating Temperature Range (recommended fahrenheit)	59 to 80.6°F
Output Capacity, Max	Up to 100 sheets
Output Capacity, Std	Up to 100 sheets
Output Capacity, Std, Envelopes	Up to 10 envelopes
Package Dimensions W x D x H (imperial)	15.1 x 11.0 x 10.2 in
Package Dimensions W x D x H (metric)	384 x 280 x 261 mm
Package Weight (imperial)	11.9 lb
Package Weight (metric)	5.4 kg

Page Yield (set-up/inbox cartridges)	1500 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 (imperial)	47.2 x 39.3 x 82.2 in
Pallet Dimensions W x D x H (metric)	1200 x 1000 x 2089 mm
Pallet Weight (imperial)	985 lb
Pallet Weight (metric)	447 kg
Paper Handling Standard/input	150-sheet input tray
Paper Handling Standard/output	100-sheet output bin
Paper Trays, Maximum	1
Paper Trays, Standard	1
Plug and Play Technologies	Auto Wireless Connect; HP Smart Install
Power Supply Required	110-volt input voltage: 110 to 127 VAC, 50/60Hz and 220-volt input voltage: 220 to 240 VAC, 50/60Hz. Not dual voltage, power supply varies by part number with # Option code identifier.
Print Cartridges/Bottle, Number	1 (black)
Print Languages, Standard	SPL
Print Resolution Black (normal)	600 x 600 dpi
Print Technology	Laser
Printable Area Maximum (metric)	216 x 356 mm
Printer Management	None
Processor Speed	400 MHz
Product Long Name Specifications	HP Laser 108w, Black and white Printer for Small Office, Print
Product Short Name Specifications	HP Laser 108w Wireless Black and white Printer, Duplex
Product-specific Additional Information Pointer	http://www.hp.com/support/laser100
Quantity Per Pallet	80
RMN Number	SEOLA-1802-01
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.
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 Approvals and Requirements	GB4943.1-2011; IS 13252(PART 1): 2010
Security Management	Password-protected network embedded Web server; enable/disable Network ports; SNMPv1 community password change; SNMPV2&V3; IPSec; Filtering : MAC, IPv4, IPv6
Segment (filter)	Small medium business
Standard Media Sizes Supported (imperial)	Letter; Legal; Executive; Oficio 216x340mm, Oficio 8.5x13 in, Envelope (No.10, Monarch); 4x6 in
Standard Media Sizes Supported (metric)	A4; A5; A5(LEF); B5 (JIS); Oficio; Envelope (DL, C5); 76 x 127 to 216 x 356mm
Standard Memory	64 MB
Storage Temperature Range (celsius)	-20 to 40°C
Storage Temperature Range (fahrenheit)	-4 to 104°F
System Requirements, Macintosh, Minimum	Mac: Apple®OS X El Capitan (v10.11) macOS Sierra (v10.12) macOS High Sierra, (v10.13); 1.5 GB HD; Internet required; USB
System Requirements, Minimum	PC: Windows® 10, 8.1, 8, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer.
Target Number of Users and Print Volume	For teams up to 5 users; Prints up to 1,500 pages/month
Tariff Numbers	8443321020
Technology	Laser
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	(460) 196068427788; (AB2) 193015506503; (ACJ) 193015506510; (BBU) 198122523696
WEEE Net Weight (metric)	4.15 kg
Warm-up Time	32 sec
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

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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 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

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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 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/m2 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/m2 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/m2 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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