HP Neverstop Laser 1000w (4RY23A)



Overview

High-volume laser printing at an ultra low cost, with easy mobile printing and legendary quality.[2]

Easily print at high volumes with the world's first cartridge-free laser printer[5] – includes 5000 pages of toner.[1] Count on HP quality at an ultra-low cost. Print and scan virtually anywhere with HP Smart – best-in-class mobile print app.[2,3]

5000 pages of toner right out of the box

Engineered for high-volume printing – get 5000 pages of toner right out of the box.[1]

Mess-free, self-reloadable toner in a few simple steps

Easy reload your toner with a mess-free experience.[5]

Original HP quality. Unbelievable savings.

Count on getting consistently superb prints this revolutionary laser.

Easy mobile printing with HP app

Quickly access and print documents and images on your smartphone, from Dropbox and Google Drive.[2]

Features

Thousands of pages right out of the box[1]

Uncompromising laser quality

The power of your printer in the palm of your hand[2]

Simple, mess-free reload[4]

Fast printing[6]

No network, no problem[8]

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[1] Declared yields based on ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors. Learn more at http://hp.com/go/learnaboutsupplies.

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

[3] Compared to majority of OEM mobile printing apps for inkjet & laser printers & all-in-ones for home & home office, priced less than or equal to $429.99 USD. Market share as reported by IDC CYQ2 2018 Hardcopy Peripherals Tracker. Claim based on lab testing and research of printer manufacturer's mobile print apps and Keypoint Intelligence - Buyers Lab study commissioned by HP. See Sept 2018 report at http://www.keypointintelligence.com/HPSmartApp.

[4] When used in accordance with set up instructions.

[5] Constant toner self-reload using imaging-drum-in-place OEM toner supplies compared to majority of worldwide OEM monochrome laser printers <$250 USD and MFPs, priced <$350 USD as of Nov 15, 2018. HP internal research & Keypoint Intelligence-Buyers Lab 2018 study commissioned by HP. Market share as reported by IDC CYQ2 2018 Hardcopy Peripherals Tracker. For details, see http://keypointintelligence.com/HPNeverstop.

[6] Excludes first set of test documents. For more information, see http://hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.

[8] 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://hp.com/go/mobileprinting. Wi-Fi Direct® is a registered trademark of Wi-Fi Alliance®.

Specifications

Print Resolution Technologies	600 x 600 dpi
Print Resolution Black (best)	Up to 600 x 600 x 2 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)	2 mm
Print Margin Left (A4)	2 mm
Print Margin Right (A4)	2 mm
Print Margin Top (A4)	2 mm
AIO Functions	Print
Duplex Print Options	Manual (driver support provided)
Duty Cycle (monthly, A4)	Up to 25,000 pages
Duty Cycle (monthly, letter)	Up to 25,000 pages[8]
Printer Smart Software Features	Apple AirPrint™, Mopria-certified, HP Auto-On/Auto-Off, Wi-Fi Direct, HP App
Energy Savings Feature Technology	HP Auto-On/Auto-Off Technology
Replacement Cartridges	HP 103A Black Original Neverstop Laser Toner Reload Kit (Yield ~2500 pages); HP 103AD Dual pack Black Original Neverstop Laser Toner Reload Kit(Yield ~2x2500 pages) ;HP 104A Black Original Laser Imaging Drum(includes ~5000 pages of inbox toner, useful life of ~20000 pages)[6]
Supplies Feature	HP Neverstop Laser Technology
Connectivity, Std	Hi-Speed USB 2.0 port; built-in Wifi 802.11b/g/n
Wireless Capability	Yes
Mobile Printing Capability	Apple AirPrint™; Google Cloud Print™; Mopria™ certified; HP app; Wi-Fi Direct® printing
Software Included	For Windows OS: HP Software Installer, HP Software Uninstaller (exclude Win8+), HP PCLmS Printer Driver, HP Device Experience (DXP), HP Web Services Assist (HP Connected), Device Setup & Software, Online user manuals, HP Printer Assistant, HP Product Improvement Study. For Mac OS: Welcome Screen, (Directs users to HP.com or OS App Soure for LaserJet Software)
Compatible Operating Systems	Windows 11; Windows 10; Windows 8.1; Windows 8; Windows 7; Linux; macOS 10.12 Sierra; macOS 10.13 High Sierra[11] *(Not supporting Windows® XP (64-bit) and Windows Vista® (64-bit) . Not all "Compatible Operating Systems" are supported with INBOX software; Full solution software available only for Windows 7 and newer; For Windows Server 2008 R2 64-bit, 2012 64-bit, 2012 R2 64-bit, 2016 64-bit only print driver is installed. Windows RT OS for Tablets (32 & 64-bit) uses a simplified HP print driver built into the RT OS; Linux systems use in-OS HPLIP software.)*

Sustainability Specifications	Mercury-free
Display Description	LED
Product Dimensions W x D x H (metric)	380.5 x 293.4 x 211 mm *(Dimensions vary as per configuration)*
Product Dimensions W x D x H (imperial)	14.98 x 14.63 x 8.31 in *(without trays and covers not extended)*
Weight (metric)	6.95 kg[4] *(Weight varies as per configuration)*
Weight (imperial)	15.32 lb *(with print cartridges)*
Power Consumption Description	365 watts (active printing), 2.8 watts (ready), 0.6 watts (sleep), 0.1 watts (manual off)[5]
Power Supply Type	Internal (built-in) Power Supply
What Is In The Box	HP Neverstop Laser M1000w Printer; Preinstalled; HP Black Original Imaging Drum (~5000 pages yield, ~20000 pages useful life); Reference guide; Setup guide; Regulatory flyer; Support flyer; EU declaration flyer (EU only); Warranty guide; Power cord; USB cable[1]
Manufacturer Warranty	HP one year hardware limited warranty. For full terms and conditions, visit: www.hp.com/go/orderdocuments.

Additional specifications

Acoustic Power Emissions (active, printing)	6.5 B(A)
Acoustic Power Emissions (ready)	2.6 B(A)
Acoustic Pressure Emissions Bystander (active, printing)	51 dB(A)
Acoustic Pressure Emissions Bystander (ready)	26 dB(A)
Automatic Paper Sensor	Yes
Business Filter	cMPS
Cartons Per Layer	8
Color or Black (filter)	Black and white
Compatible Network Operating Systems	Windows 11; Windows 10; Windows 8; Windows 8.1; Windows 7; macOS 10.11 El Capitan; macOS 10.12 Sierra; macOS 10.13 High Sierra; Linux
Component Type	Printer
Connection Type	Wireless
Control Panel	LED
Count of Layers In Pallet	EMEA: 6; APJ: 5; AMS: 5
Downloadable Software	From 123.hp.com: HP Easy Start (Guided Software Install for Windows and Mac); From HP.com for Windows OS: Full-solution software and drivers (Same solution as "Software Included"); Basic-solution software and drivers (with installer) Product Documentation and Support; From HP.com for Mac OS: HP Easy Start (Guided Software Install); For Mobile OS: See "HP Mobile Printing" (http://www8.hp.com/us/e##BLANK##ds/mobility/overview.html); From In-OS app stores: HP app for Windows(HP AiO Remote for Win 8+); HP recommended printer drivers and software; From HP.com for printer administrators: Linux Print Drivers; HP Web JetAdmin Software (HP SNMP Proxy Agent)
Driver Updates	Latest supported operating systems and print drivers available at https://support.hp.com
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 Emission Standard	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.)
Engine life	50000
FCC Class A Emissions	FCC Class A emissions - for use in commercial environments, not residential environments

First Page Out Black (A4, ready)	As fast as 7.6 sec
First Page Out Black (A4, sleep)	As fast as 14 sec (15 min)
First Page Out Black (letter, ready)	As fast as 7.6 sec
First Page Out Black (letter, sleep)	As fast as 14 sec (15 min)
In Box Cable	Yes. 1 USB Cable
Input Capacity, Envelopes (primary)	Up to 1 envelope
Input Capacity, Max	Up to 150 sheets
Input Capacity, Std	Up to 150 sheets
Key Media Sizes Supported (imperial)	Letter; Legal; Envelopes
Key Media Sizes Supported (metric)	A4; Envelopes
Mac Compatible	Yes
Max Dimensions W x D x H (imperial)	14.98 x 18.31 x 17.52 in
Max Dimensions W x D x H (metric)	380.5 x 465 x 445 mm
Maximum Memory	32 MB
Media Size, Tray 1 (metric)	A6; A5; A4; Letter; Legal; Oficio; No.10 Env; C5 Env; DL Env; B5(JIS); 105 x 148.5 mm to 215.9 x 356 mm
Media Sizes Custom (imperial)	4.13 x 5.85 to 8.5 x 14
Media Sizes Custom (metric)	105 x 148.5 to 215.9 x 356 mm
Media Type and Capacity Tray 1	Sheets: 150; Envelopes: 1
Media Types	Plain paper, Heavy paper, Bond paper, Label, Light paper, Envelope
Media Weights Supported, By Paper Path (Imperial)	14 to 27 lb
Media Weights Supported, By Paper Path (metric)	60 to 120 g/m²
Media Weights Supported, Tray 1 (metric)	60 to 120 g/m²
Mobile Printing Capability Footnote	Apple AirPrint -Mobile device must have AirPrint®. Google Cloud Print™ 2.0- Requires Google Cloud Print™ registration and Google account. Learn more at hp.com/go/mobileprinting .[11]
Model Number	1000w
Number of Simultaneous Users (local + network)	1-5 Users
Operating Humidity Range	10 to 80% RH
Operating Humidity Range (recommended)	30 to 70% RH
Operating Temperature Range (celsius)	15 to 32.5°C

Operating Temperature Range (fahrenheit)	59 to 90.5°F
Operating Temperature Range (recommended celsius)	17.5 to 25°C
Operating Temperature Range (recommended fahrenheit)	63.5 to 77°F
Output Capacity, Max	Up to 100 sheets
Output Capacity, Std	Up to 100 sheets
Package Dimensions W x D x H (imperial)	18.7 x 11.42 x 16.54 in
Package Dimensions W x D x H (metric)	475 x 290 x 420 mm
Package Weight (imperial)	19.18 lb
Package Weight (metric)	8.7 kg
Page Yield Footnote	Declared black toner page 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)	EMEA: 47.24 x 39.37 x 99.25 in; APJ: 47.24 x 39.37 x 87.4 in; AMS: 47.24 x 39.37 x 82.72 in
Pallet Dimensions W x D x H (metric)	EMEA: 1200 x 1000 x 2521 mm; APJ: 1200 x 1000 x 2220 mm; AMS: 1200 x 1000 x 2101 mm
Pallet Weight (imperial)	EMEA: 920.7 lb; APJ: 767.2 lb; AMS: 767.2 lb
Pallet Weight (metric)	EMEA: 417.6 kg; APJ: 348 kg; AMS: 348 kg
Paper Handling Standard/input	150-sheet input tray
Paper Handling Standard/output	100-sheet output bin
Paper Trays, Maximum	1 input tray
Paper Trays, Standard	1 input tray
Power Supply Required	110V - 127V nominal @ +/-10% (min 99V, max 140V), 50 - 60Hz nominal +/- 3Hz (min 47Hz, max 63Hz), 50 - 60Hz nominal +/- 3Hz (min 47Hz, max 63Hz). Not dual voltage, power supply varies by part number with # Option code identifier.
Print Cartridges/Bottle, Number	1 Imaging Drum
Print Colors	No
Print Languages, Standard	PCLmS; URF; PWG
Print Resolution Black (Fine Lines)	Up to 600 x 600 dpi
Print Resolution Black (normal)	Up to 600 x 600 x 2 dpi
Print Technology	Laser
Printable Area Maximum (metric)	216 x 297 mm
Printer Black Pages (MPV Black)	400
Printer Management	HP Printer Assistant (UDC); HP Device Toolbox; HP Utility (Mac)

Processor Speed	500 MHZ
Product Long Name Specifications	HP Neverstop Laser 1000w, Black and white Printer for Small Office, Print
Product Short Name Specifications	HP Neverstop Laser 1000w Wireless Black and white Printer
Product-specific Additional Information Pointer	http://hp.com/support/Neverstop1000
Quantity Per Pallet	EMEA: 48; APJ: 40; AMS: 40
RMN Number	SEOLA-1800-01
Recommended Monthly Page Volume	250-2500[9]
Recommended Monthly Page Volume Note	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	Declared black toner page 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	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); UL/cUL Listed and UC CoC (US/Canada); CAN/CSA C22.2 No. 60950-1-07 2nd Ed. 2014-10
Segment (filter)	Small office
Standard Media Sizes Supported (imperial)	Letter; Legal; envelopes (No.10); custom; Oficio
Standard Media Sizes Supported (metric)	A6; A5; A4; Letter; No.10 Env; C5 Env; DL Env; B5(JIS), Oficio 216x340; Legal; 105 x 148.5 to 216 x 356 mm
Standard Memory	32 MB
Storage Temperature Range (celsius)	-20 to 40°C
Storage Temperature Range (fahrenheit)	-4 to 104°F
System Requirements, Macintosh, Minimum	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	Windows® 10, 8.1, 8, 7: 32-bit or 64-bit, 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 2,500 pages/month
Tariff Numbers	(AM) 8443321020; (EU) 8443321000; (AP) 84433239
Technology	Laser
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 115 V device.

UNSPSC Code	43212105
UPC Number	(696) 193015495630; (697) 193015495647; (AC8) 193015495661; (ACJ) 193015495678; (ACQ) 194441157284; (B13) 193905650064; (B19) 193015495685; (BBU) 193015495692; (BGJ) 193015495708
WEEE Net Weight (metric)	6.86 kg
Warm-up Time	13 sec
What Is In The Box Footnote	HP Black Original Laser Imaging Drum (introductory ~5,000 page black toner yield provided, with ~20,000 page Imaging Drum useful life) . Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/learnaboutsupplies

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[4] Weight varies as per configuration

[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 115 V device.

[6] Declared black toner page 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

[8] 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.

[9] 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.

[11] Apple AirPrint -Mobile device must have AirPrint®. Wireless operations are compatible with 2.4 GHz operations only. Learn more at http://hp.com/go/mobileprinting. Google Cloud Print™ 2.0-Requires Google Cloud Print™ registration and Google account. Wireless operations are compatible with 2.4 GHz operations only. Learn more at http://hp.com/go/mobileprinting.

Ink/Toner/Paper/Printer Supplies

HP Laser Toner Cartridges and Kits

★ : Recommended

HP Black and White Laser Toner Printer Cartridges

HP 104A Black Original Laser Imaging Drum	**W1104A ★**
HP 144A Black Original Laser Imaging Drum	W1144A

HP Black and White Laser Toner Reload Kits

HP 103A Black Original Neverstop Laser Toner Reload Kit	W1103A
HP 103AD Dual Pack Black Original Neverstop Laser Toner Reload Kit	W1103AD
HP 143A Black Original Neverstop Toner Reload Kit	W1143A
HP 143AD Dual Pack Black Original Neverstop Toner Reload Kit	W1143AD

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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