Print, Wireless*

HP Neverstop Laser 1000 Series

High-volume laser printing at an ultra-low cost, with easy mobile printing[8] and legendary quality.[2]

Easily print at high volumes with the HP's first self-reloadable[4] laser printer in class – includes 5,000 pages of toner right out of box before reload.[9] Count on HP quality at an ultra-low cost. Print virtually from anywhere with HP Smart.[2,3,8]

HP Neverstop Laser 1000w	HP Neverstop Laser 1000a
4RY23A	4RY22A

5,000 pages of toner right out of the box before reload[9]

- Engineered for high-volume printing – get 5,000 pages of toner right out of the box before reload.[1,9]
- Get print speeds up to 20 ppm.[5]
- Get quick and easy printing directly at the control panel.
- Change paper less often with a 150-sheet capacity paper tray.

Original HP quality. Unbelievable savings.

- Count on getting consistently superb prints with this revolutionary laser.
- Produce sharp text and bold blacks.
- HP's innovative laser printer helps you to print at high volumes for an ultra-low cost.

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

- Easy reload your toner with mess-free experience.[4]
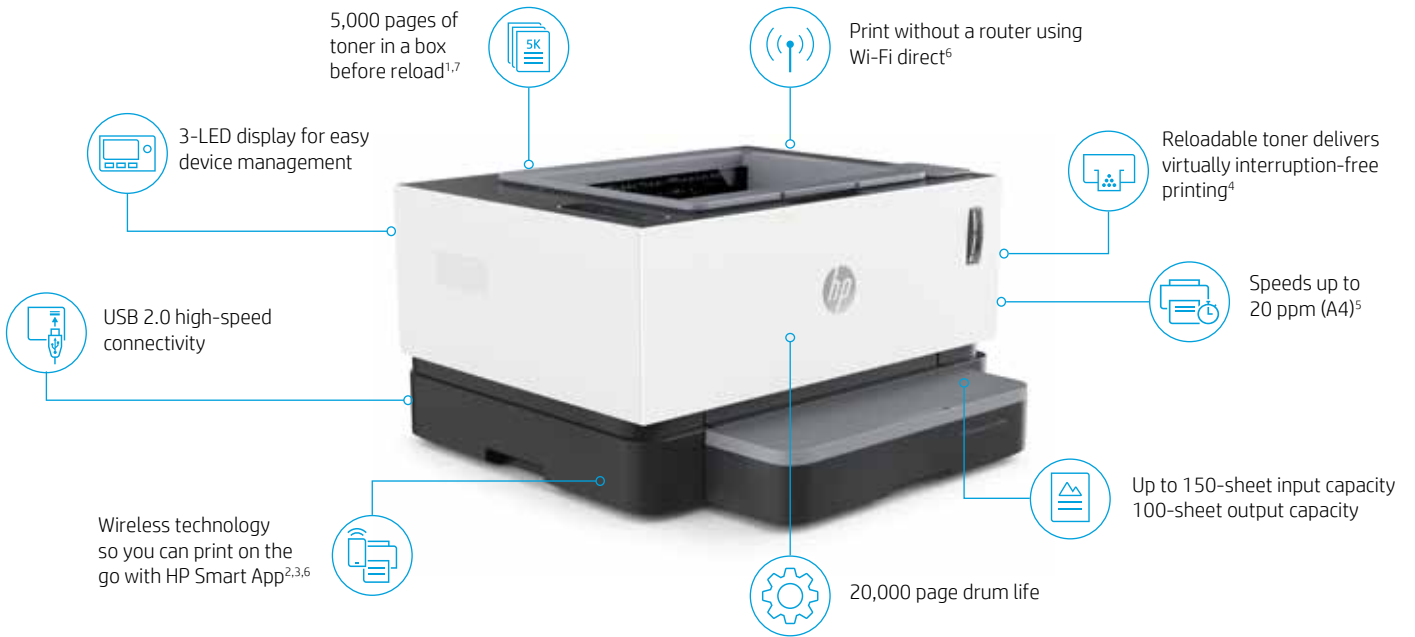- Quickly and easily restore toner levels with the toner reload kit.[6]

Easy mobile printing with HP Smart app[8]

- Quickly access and print documents and images on your smartphone, from Dropbox and Google Drive.[2]
- Get high-quality scanning, and share to Dropbox, Google Drive, email, or the cloud – virtually anywhere.[2]
- Get notifications when printing from your smartphone.[2]
- Connect your smartphone or tablet directly to your printer – and easily print without accessing a network.[7]

Product walkaround

HP Neverstop Laser 1000w Shown

5,000 pages of toner in a box before reload[1,7]

Print without a router using Wi-Fi direct[6]

3-LED display for easy device management

Reloadable toner delivers virtually interruption-free printing[4]

USB 2.0 high-speed connectivity

Speeds up to 20 ppm (A4)[5]

Wireless technology so you can print on the go with HP Smart App[2,3,6]

Up to 150-sheet input capacity 100-sheet output capacity

20,000 page drum life

Intuitive user interface

Real-time status on toner level

Uses the HP Black Original Neverstop Laser Toner Reload Kit[4]

Series at a glance

	HP Neverstop Laser 1000a	HP Neverstop Laser 1000w
Product Number	4RY22A	4RY23A
Function	Print	Print, Wireless
Print speed[5]	**Black (A4, normal):** Up to 20 ppm	**Black (A4, normal):** Up to 20 ppm
Memory/processor	32MB/500MHz	32MB/500MHz
Control panel	LED	LED
Mobile printing	Not Applicable	Apple AirPrint™; Google Cloud Print™; HP Smart App; Mopria™ Certified; Wi-Fi® Direct printing
Connectivity	Hi-Speed USB 2.0 port	Hi-Speed USB 2.0 port; built-in Wifi 802.11b/g/n
Recommended monthly page volume	250–2,500 pages	250–2,500 pages

[1] Declared yields based on ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. Learn more at hp.com/go/learnaboutsupplies. [2] Requires the HP Smart app download. For details on local printing requirements, see hp.com/go/mobileprinting. [3] Compared to majority of OEM mobile printing apps for inkjet and laser printers and all-in-ones for home and 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 September 2018 report at keypointintelligence.com/HPSmartApp. [4] Toner reload kit is not included with the printer please purchase separately. [5] Excludes first set of ISO test pages. For details, see hp.com/go/printerclaims. [6] Applicable only for HP Neverstop Laser 1000w. [7] HP Toner Reload Kit is not included with the printer; please purchase separately.

HP Services

Downtime can have serious consequences, so HP provides support beyond the standard warranty. You benefit from reduced risk, maximized uptime, predictable service delivery and no unbudgeted repair costs. Choose from:

Optimized Care (optimum performance and stability): 4 hour Onsite Support, Maintenance Kit Replacement Service, Installation with Network Configuration Service

Standard Care (high level of uptime): Next Business Day Onsite Support, Maintenance Kit Replacement Service, Installation with Network Configuration Service

Basic Care (minimum recommended support): Next Business Day Onsite Support

4 hour Onsite Support: Onsite support within four hours after a service call received within the coverage window

Next Business Day Onsite Support: Onsite service the next business day after the service call is received

Maintenance Kit Replacement Service: Onsite replacement of your printer's maintenance kit including parts, materials, and labor

Installation with Network Configuration Service: Assembly, network configuration, and basic administrator familiarization. For more information about HP Care Pack, HP Contractual, or HP Managed Print Services, visit hp.com/go/printservices

Top Features

Get 5,000 pages of toner out of box before reload.[1,7] Print with fast speeds.

Get HP quality and reliability page after page at an ultra low cost.

Quickly and easily reload toner levels – no mess, no stress – with the the HP's first self-reloadable[4,5] laser printer in class.

Print from virtually anywhere with the HP Smart.[2,3]

Product

4RY22A	HP Neverstop Laser 1000a
4RY23A	HP Neverstop Laser 1000w

Replacement Cartridges[5]

W1103A	HP 103A Black Neverstop Laser Toner Reload Kit (Yield ~2,500 pages)
W1103AD	HP 103AD 2 Pack Black Toner Reload Kit (Yield ~2x2,500 pages)
W1104A	HP 104A Black Laser Imaging Drum (includes ~5000 pages of inbox toner, useful life of ~20,000 pages)

HP Care Packs

UB4Z1E	HP 3-yr Onsite Exchange NS L 1xxx SVC
UB4Z4E	HP 3-yr Next Business day Exchange NS L 1xxx SVC
UB4Z7E	HP 3-yr Std Exchange NS L 1xxx SVC
UB5A0E	HP 3-yr Return to Depot NS L 1xxx SVC

Protect your investment with HP Care Pack. Let HP certified engineers resolve your technical issues. For more details on HP Care Pack, go to hp.com/go/cpc

Hewlett-Packard offices

India	(80) 2612 9000	hp.com/in
Vietnam	(848) 3823 4151	hp.com/vn

Recommended Papers[6]

CG964A	HP Professional Laser Paper, Glossy, A4, 250 sheets, 120 gsm
CG965A	HP Professional Laser Paper, Glossy, A4, 150 sheets, 150 gsm
CG966A	HP Professional Laser Photo Paper, Glossy, A4, 100 sheets, 200 gsm
Q6550A	HP Professional Laser Photo Paper, Matte, A4, 100 sheets, 200 gsm

Please visit hp.com/apac/paper for more details

HP Order-a-Cartridge[6]

Call HP's Order-a-Cartridge[6] service and have them conveniently delivered to your doorstep.

India	1800 3003 3003

HP SureSupply[6]

Discover how HP SureSupply redefines convenience in purchasing printer cartridge supplies online. To order online, please visit hp.com/apac/oac for more details.[6]

Solutions
HP Web Jetadmin: hp.com/go/wja
HP Universal Print Driver: hp.com/go/upd
HP JetAdvantage Security Manager: hp.com/go/securitymanager
To learn more about available infrastructure, management, and workflow solutions, visit hp.com/go/gsc

Mac   Windows 10

ENERGY STAR

Technical specifications

Model	HP Neverstop Laser 1000a	HP Neverstop Laser 1000w
Product number	4RY22A	4RY23A
Functions	Print	Print, Wireless
Print		
Duplex print options	Manual (driver support provided)	
Print speed[1]	**Black (A4, normal):** Up to 20 ppm	
First page out[2]	**Black (A4, ready):** As fast as 7.6 seconds; **Black (A4, sleep):** As fast as 14 seconds (15 min)	
Print technology	Laser	
Automatic paper sensor	Yes	
Print resolution	**Black (best):** Up to 600 x 600 x 2 dpi; **Black (normal):** Up to 600 x 600 x 2 dpi; **Black (fine lines):** Up to 600 x 600 dpi	
Standard print languages	PCLmS; URF; PWG	
Printer management	HP Printer Assistant (UDC); HP Device Toolbox; HP Utility (Mac)	
Printer smart software features	HP Auto-On/Auto-Off, HP Smart App	Apple AirPrint™, Mopria-certified, HP Auto-On/Auto-Off, Wi-Fi Direct, HP Smart App
Connectivity		
Standard connectivity	Hi-Speed USB 2.0 port	Hi-Speed USB 2.0 port; built-in Wifi 802.11b/g/n
Mobile printing capability[3]	Not applicable	Apple AirPrint™; Google Cloud Print™; HP Smart App; Mopria™ Certified; Wi-Fi® Direct printing
Wireless capability	Not applicable	Yes
Memory	**Standard:** 32 MB; **Maximum:** 32 MB	
Processor speed	500 Mhz	
Duty cycle (monthly)[4]	Up to 20,000 pages; **Recommended monthly page volume:**[5] Up to 250 to 2,500 pages	
Paper handling		
Input	150-sheet input tray	
Output	100-sheet output bin	
Media type	Plain paper, Heavy paper, Bond paper, Label, Light paper, Envelope	
Media weight	Tray 1: 60 to 120 g/m²	
Media sizes custom	105 x 148.5 to 215.9 x 297 mm	
Media sizes supported	A6; A5; A4; Letter; No.10 Env; C5 Env; DL Env; B5(JIS); 105 x 148.5 to 215.9 x 297 mm	
Systems		
Compatible operating systems[8]	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. Apple®OS X El Capitan (v10.11) macOS Sierra (v10.12) macOS High Sierra, (v10.13); 1.5 GB HD; Internet required; USB Linux (For more information, see developers.hp.com/hp-linux-imaging-and-printing)	
Minimum system requirements	**PC:** 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. **Mac:** Apple®OS X El Capitan (v10.11) macOS Sierra (v10.12) macOS High Sierra, (v10.13); 1.5 GB HD; Internet required; USB	
Control panel	LED	
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)	
Power	**Power supply type:** Internal (Built-in) power supply; **Power supply required:** 110V - 127V nominal @ +/-10% (min 99V, max 140V), 50 - 60Hz nominal +/- 3Hz (min 47Hz, max 63Hz), 220V - 240V nominal @ +/-10% (min 198V, Max 264V), 50 - 60Hz nominal +/- 3Hz (min 47Hz, max 63Hz); **Power consumption:**[9] 365 watts (active printing), 2.8 watts (ready), 0.6 watts (sleep), 0.1 watts (manual off); **Typical Electricity Consumption (TEC) number:**[9] ES: 0.710 kWh/Week	
Acoustics[10]	**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)	
Environmental ranges	**Operating temperature range:** 15 to 32.5°C; **Recommended operating temperature:** 17.5 to 25°C; **Operating humidity range:** 10 to 80% RH; **Recommended operating humidity range:** 30 to 70% RH	
Dimensions (W x D x H)	380.5 x 293.4 x 211 mm	
Weight[6]	6.93 kg	6.95 kg
What's in the box[7]	HP Neverstop Laser M1000a Printer; HP Black Original Imaging Drum (~5,000 pages yield, ~20,000 pages useful life); Reference guide; Setup guide; Regulatory flyer; Support flyer; Warranty guide; Power cord; USB cable	HP Neverstop Laser M1000w Printer; Preinstalled; HP Black Original Imaging Drum (~5,000 pages yield, ~20,000 pages useful life); Reference guide; Setup guide; Regulatory flyer; Support flyer; Warranty guide; Power cord; USB cable
Warranty features	One-year limited hardware warranty. For more info, please visit us at support.hp.com	

[1] Measured using ISO/IEC 24734, excludes first set of test documents. For more information see hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity. [2] Measured using ISO/IEC 17629. For more information see hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity. [3] Apple AirPrint -Mobile device must have AirPrint®. Wireless operations are compatible with 2.4 GHz operations only. Learn more at 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 hp.com/go/mobileprinting. [4] 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. [5] 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] Weight varies as per configuration [7] 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 hp.com/go/learnaboutsupplies [8] 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. [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. Energy Star value typically based on measurement of 115 V device. [10] Configuration tested: Wireless model, simplex printing, A4 paper at an average of 20 ppm.

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