Data sheet

HP Neverstop Laser 1000 Printer series

Ultimate printing freedom. Innovative cartridge-free laser printer.[1]

Easily print at high volumes with the innovative cartridge-free laser printer[1] – includes 5,000 pages of toner.[2] Count on HP quality at an ultra-low cost. Print and scan virtually anywhere with HP Smart – best-in-class mobile print app.[3,4]

HP Neverstop Laser 1000a

HP Neverstop Laser 1000w

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

Highlights

- Up to 20ppm mono printing
- 5,000 pages of toner inbox
- Self Re-loadable toner
- Wireless printing with WiFi direct (w model only)
- HP Smart App compatible
- High Speed USB 2.0 Connectivity
- 150 sheet input capacity
- Ethernet connectivity (n model only)

Up to 5000 pages right out of the box before your first reload[2]
- Engineered for high-volume printing – get 5,000 pages of toner right out of the box.[2]
- Get print speeds up to 20 ppm.[5]
- Change paper less often with a 150-sheet capacity paper tray.

Refill kit for 2500 pages. Ultimate low printing cost.[6]
- Count on getting consistently high quality prints with this revolutionary laser.
- Produce sharp text and bold blacks.
- HP's innovative refill kit helps you to print at high volumes for an ultra low cost.

15-second, mess-free self reload[7]
- Easy self reload your toner with a mess-free experience.[8]
- Quickly and easily restore toner levels with the innovative toner reload kit.[9]

Freedom to work anywhere
- Mobile printing with HP Smart – best-in-class mobile print app.[3,4]
- Get high-quality scanning, and share to Dropbox, Google Drive, email, or the cloud – virtually anywhere.[3]
- Connect your smartphone or tablet directly to your printer – and easily print without accessing a network.[10]

Product walkaround

HP Neverstop Laser Printer 1000w shown

1. 3 LED display
2. 100 sheet output bin
3. Hi-Speed USB 2.0 port
4. 20 ppm
5. Built-in wireless networking, Built-in Ethernet (n model only), Wi-Fi Direct printing (w model only)
6. 150 sheet input tray
7. Pre-installed Original HP Toner delivers up to 5,000 pages

Series at a glance

Model	HP Neverstop Laser 1000a	HP Neverstop Laser 1000n	HP Neverstop Laser 1000w
Product number	4RY22A	5HG74A	4RY23A
Functions	Print		
Memory/processor	32MB/500MHz		
Control panel	3 LED		
Mobile printing	Not available		HP Smart app
Connectivity	USB	USB, Ethernet	USB, Wi-Fi
Recommended monthly page volume	250–2,500 pages	250-2,500 pages	250–2,500 pages
Print speed	20 ppm		

Get HP quality and reliability page after page with savings up to 80% Original HP quality, savings up to 80%

Configurable Items, Accessories, Supplies and Support

Service and Support	**UB4Z7E** HP 3 year Standard Exchange Service for Neverstop Laser 1000 series **UB4Z4E** HP 3 year Next Business Day Exchange Service for Neverstop Laser 1000 series **UB5A0E** HP 3 year Return to Depot Service for Neverstop Laser 1000 series (UB4Z7E - available in All EMEA countries except Middle East, Adriatic, Africa, South Africa, Israel, Slovenia, Turkey. UB4Z4E - available in Austria, Belgium, Czech Rep, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Spain, Sweden, Switzerland, UK. UB5A0E - available in Adriatic, Africa, CIS, EEM, Israel, Middle East, Romania, South Africa, Turkey)

Technical specifications

Model	HP Neverstop Laser 1000a	HP Neverstop Laser 1000n	HP Neverstop Laser 1000w
Product number	4RY22A	5HG74A	4RY23A
Functions	Print		
Control panel	LED		
Print			
Print technology	Laser		
Print speed[1]	**Black (A4, normal)** Up to 20 ppm		
First page out[2]	**Black (A4, ready)**: As fast as 7.6 sec ; **Black (A4, sleep)**: As fast as 14 sec	**Black (A4, ready)**: As fast as 8.5 sec ; **Black (A4, sleep)**: As fast as 15 sec	**Black (A4, ready)**: As fast as 7.6 sec ; **Black (A4, sleep)**: As fast as 14 sec
Print resolution	**Black (best)**: Up to 600 x 600 x 2 dpi ; **Technology**: 600 x 600 dpi		
Monthly duty cycle[3]	Up to 25,000 pages A4; **Recommended monthly page volume**[4]: 250 - 2,500 pages		
Printer smart software features	HP Auto-On/Auto-Off		Apple AirPrint™, Mopria-certified, HP Auto-On/Auto-Off, Wi-Fi Direct, HP Smart App
Standard print languages	PCLmS; URF; PWG		
Print area	**Print margins** Top: 2 mm, Bottom: 2 mm, Left: 2 mm, Right: 2 mm; Maximum print area: 216 x 297 mm	**Print margins** Top: 2 mm, Bottom: 2 mm, Left: 2 mm, Right: 2 mm; Maximum print area: 216 x 355.6 mm	**Print margins** Top: 2 mm, Bottom: 2 mm, Left: 2 mm, Right: 2 mm; Maximum print area: 216 x 297 mm
Duplex printing	Manual (driver support provided)		
Processor speed	500 MHZ		
Connectivity			
Standard	Hi-Speed USB 2.0 port	Hi-Speed USB 2.0 port; Fast Ethernet 10/100 Base	Hi-Speed USB 2.0 port; Built-in Wi-fi 802.11b/g/n
Wireless	No		Yes
Mobile printing capability[5]			Apple AirPrint™; Google Cloud Print™; HP Smart App; Mopria™ Certified; Wi-Fi® Direct printing
Network capabilities		10/100/1000 Base-TX Networking	
Memory	**Standard**: 32 MB; **Maximum**: 32 MB		
Media handling			
Number of paper trays	**Standard**: 1 input tray ; **Maximum**: 1 input tray		
Media types	Plain paper; Heavy paper; Bond paper; Label; Light paper; Envelope		
Media size	**Custom (metric)**: 105 x 148.5 to 215.9 x 356 mm ; **Supported (metric)**: A6; A5; A4; No.10 envelope; C5 envelope; DL envelope; B5 (JIS); 105 x 148.5 to 215.9 x 297 mm	**Custom (metric)**: 105 x 148.5 to 216 x 356 mm ; **Supported (metric)**: A6; A5; A4; No.10 Env; C5 Env; DL Env; B5(JIS), Oficio 216x340; 105 x 148.5 to 216 x 356 mm	**Custom (metric)**: 105 x 148.5 to 215.9 x 356 mm ; **Supported (metric)**: A6; A5; A4; No.10 envelope; C5 envelope; DL envelope; B5 (JIS); 105 x 148.5 to 215.9 x 297 mm
Media handling	**Standard input**: 150 sheet input tray **Standard output**: 100 sheet output bin		
Media weight	60 to 120 g/m²;		
Input capacity	**Tray 1**: Sheets: 150 **Maximum**: Up to 150 sheets		
Output capacity	**Standard**: Up to 100 sheets **Maximum**: Up to 100 sheets		
Compatible operating systems[6]	Windows 11; Windows 10; Windows 8.1; Windows 8; Windows 7; Linux; macOS 10.12 Sierra; macOS 10.13 High Sierra		
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		
Minimum system requirements	**Windows**: Windows® 10, 8.1, 8, 7: 32/64-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 available hard disk space, Internet required, USB		
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 http://www.hp.com or OS App Source for LaserJet Software)		
Printer management	HP Printer Assistant (UDC); HP Device Toolbox; HP Utility (Mac)		
Dimensions and weight			
Printer dimensions (W x D x H)[7]	**Minimum** 380.5 x 293.4 x 211 mm; **Maximum**: 380.5 x 465 x 445 mm		
Printer weight[8]	6.93 kg	6.95 kg	
Operating environment	**Temperature**: 15 to 32.5°C; **Humidity**: 30 to 70% RH		
Storage conditions	**Temperature**: -20 to 40°C	**Temperature**: -20 to 50°C	**Temperature**: -20 to 40°C
Acoustics[9]	**Acoustic power emissions**: 6.5 B(A); **Acoustic pressure emissions**: 51 dB(A)		
Power[10]	**Requirements**: 220V - 240V nominal at +/-10% (min 198V, Max 264V), 50 - 60Hz nominal at +/- 3Hz (min 47Hz, max 63Hz) ; **Consumption**: 365 watts (active printing), 2.8 watts (ready), 0.6 watts (sleep), 0.1 watts (manual off) ; **Typical Electricity Consumption (TEC)**[10]: Energy Star: 0.710 kWh/Week ; **Power supply type**: Internal (built-in) Power Supply	**Requirements**: 220V - 240V nominal at +/-10% (min 198V, max 264V), 50 - 60Hz nominal +/- 3Hz (min 47Hz, max 63Hz) ; **Consumption**: 307 watts (active printing), 5.3 watts (ready), 0.93 watts (sleep), 0.1 watts (manual off) ; **Typical Electricity Consumption (TEC)**: Energy Star version 3.0: 0.297 kWh/Week; Blue Angel: 0.69 KWh/Week ; **Power supply type**: Internal (built-in) Power Supply	**Requirements**: 220V - 240V nominal at +/-10% (min 198V, Max 264V), 50 - 60Hz nominal at +/- 3Hz (min 47Hz, max 63Hz) ; **Consumption**: 365 watts (active printing), 2.8 watts (ready), 0.6 watts (sleep), 0.1 watts (manual off) ; **Typical Electricity Consumption (TEC)**[10]: Energy Star: 0.710 kWh/Week ; **Power supply type**: Internal (built-in) Power Supply
Energy savings feature technology	HP Auto-On/Auto-Off Technology		
Certifications	**Electromagnetic emission standard**: EN 61000-3-2:2014, EN 61000-3-3:2013, EN55024:2010, EN 55032:2012/AC:2013, ICES-003 Issue 5, CISPR22:2008, CISPR32:2012, other EMC approvals as required by individual countries	**Electromagnetic emission standard**: EN 61000-3-2:2014, EN 61000-3-3:2013, EN55024:2010, EN 55032:2012/AC:2013, ICES-003 Issue 5, CISPR22:2008, other EMC approvals as required by individual countries	**Electromagnetic emission standard**: EN 61000-3-2:2014, EN 61000-3-3:2013, EN55024:2010, EN 55032:2012/AC:2013, ICES-003 Issue 5, CISPR22:2008, CISPR32:2012, other EMC approvals as required by individual countries
Sustainable impact specifications	Mercury-free		
Country of origin	Made in China		
What's in the box[11]	4RY22A HP Neverstop Laser 1000a 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	5HG74A HP Neverstop Laser 1000n Printer; Preinstalled; HP Black Original Imaging Drum (5,000 pages yield, 20,000 pages useful life); Reference guide; Setup guide; Regulatory flyer; Support flyer; EU declaration flyer; Warranty guide; Power cord	4RY23A HP Neverstop Laser 1000w Printer; Preinstalled; HP Black Original Imaging Drum (5,000 pages yield, 20,000 pages useful life); Reference guide; Setup guide; Regulatory flyer; Support flyer; EU declaration flyer; Warranty guide; Power cord; USB cable
Warranty	HP one year hardware limited warranty. For full terms and conditions, visit: http://www.hp.com/go/orderdocuments.		

Footnotes

[1] Constant toner self-reload using imaging-drum-in-place OEM toner supplies compared to majority of worldwide competing OEM monochrome laser printers <€250 and MFPs priced <€350 as of Nov 15, 2018. HP internal research & Keypoint Intelligence-Buyers Lab 2018 study commissioned by HP. Market share as reported by IDC CYQ4 2018 Hardcopy Peripherals Tracker, 2018 Q4 Release.
[2] Actual yield varies considerably based on content of printed pages and other factors. Average based on ISO/IEC 19752 and continuous printing. For details see http://www.hp.com/go/learnaboutsupplies.
[3] Requires the HP Smart app download. For details on local printing requirements see http://hp.com/go/mobileprinting.
[4] Compared to majority of OEM mobile printing apps for inkjet, laser printers, all-in-ones for home, and home office, priced less than or equal to €429.99. 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.
[5] 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.
[6] Based on internal HP comparison of MSRP/(MRSP for EMEA region) and cost-per-page of in-class HP LaserJet Pro M15 and HP LaserJet Pro MFP M28 with standard-fill HP 44A/48A Black Original LaserJet Toner Cartridge, as of March 2019. For details see http://www.hp.com/go/learnaboutsupplies.
[7] HP internal research and Keypoint Intelligence-Buyers Lab 2018 study commissioned by HP.
[8] When used in accordance with set up instructions.
[9] Toner reload kit is not included with the printer, please purchase separately.
[10] 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://www.hp.com/go/mobileprinting. Wi-Fi Direct® is a registered trademark of Wi-Fi Alliance®.

Technical specifications disclaimers

[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.
[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.
[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.
[5] Apple AirPrint - mobile device must have AirPrint®. Wireless operations are compatible with 2.4 GHz operations only. Learn more at http://www.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://www.hp.com/go/mobileprinting.
[6] 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.
[7] Dimensions vary as per configuration.
[8] Weight varies as per configuration.
[9] Configuration tested: Wireless model, simplex printing, A4 paper at an average of 20 ppm.
[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. Power consumption values typically based on measurement of 115 V device.
[11] 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.