Print, Wireless*

HP Neverstop Laser 1000 Series

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

Easily print at high volumes with the HP’s first self-reloadable⁴ 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

5,000 pages of toner right out of the box before reload⁹

- 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.³
- 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 app⁸

- 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.²

HP Neverstop Laser 1000w
4RY23A

HP Neverstop Laser 1000a
4RY22A

5,000 pages of toner right out of the box before reload⁹

- 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.³
- 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 app⁸

- 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.²

*Applicable only for HP Neverstop Laser 1000w. 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 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 & 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 keypointintelligence.com/HPSmartApp. ⁴ HP internal research of constant toner self-reload using imaging-drum-in-place HP monochrome laser printers <$199USD and MFPs priced <$229USD as of Nov 15, 2018. ⁵ 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. ⁶ Toner reload kit is not included with the printer; please purchase separately. ⁷ Mobile device needs to be connected to Wi-Fi Direct® signal of a Wi-Fi Direct-supported AO or printer prior to printing. Details at hp.com/go/wifidirectprinting. Wi-Fi Direct® is a registered trademark of Wi-Fi Alliance®. ⁸ Applicable only for HP Neverstop Laser 1000w. ⁹ HP Toner Reload Kit is not included with the printer; please purchase separately.
Product walkthrough

HP Neverstop Laser 1000w Shown

- 5,000 pages of toner in a box before reload
- Print without a router using Wi-Fi direct
- Reloadable toner delivers virtually interruption-free printing
- Speeds up to 20 ppm (A4)
- 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

Series at a glance

<table>
<thead>
<tr>
<th>HP Neverstop Laser 1000a</th>
<th>HP Neverstop Laser 1000w</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Number</td>
<td>4RV22A</td>
</tr>
<tr>
<td>Function</td>
<td>Print</td>
</tr>
<tr>
<td>Print speed</td>
<td>Black (A4, normal): Up to 20 ppm</td>
</tr>
<tr>
<td>Memory/processor</td>
<td>32MB/500MHz</td>
</tr>
<tr>
<td>Control panel</td>
<td>LED</td>
</tr>
<tr>
<td>Mobile printing</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Connectivity</td>
<td>Hi-Speed USB 2.0 port</td>
</tr>
<tr>
<td>Recommended monthly page volume</td>
<td>250–2,500 pages</td>
</tr>
</tbody>
</table>

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 Track. 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

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>4RY22A</td>
<td>HP Neverstop Laser 1000a</td>
</tr>
<tr>
<td>4RY23A</td>
<td>HP Neverstop Laser 1000w</td>
</tr>
</tbody>
</table>

**Replacement Cartridges**

- 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**

- 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
- Q5505A HP Professional Laser Photo Paper, Matte, A4, 100 sheets, 200 gsm

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

**HP Order-a-Cartridge**

Call HP’s Order-a-Cartridge service and have them conveniently delivered to your doorstep.

- **India** 1800 3003 3003

**HP SureSupply**

Discover how HP SureSupply redefines convenience in purchasing printer cartridge supplies online.

To order online, please visit hp.com/apac/oac for more details.

**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/psc

---

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 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 & 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 keypointintelligence.com/HPSmartApp.
4 When used in accordance with set up instructions.
5 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 hp.com/go/learnaboutsupplies.
6 Available in selected countries only.
7 HP Toner Reload Kit is not included with the printer; please purchase separately.
For Windows OS:

Power
Power supply type:

- 2.6 B(A);
- 6.5 B(A);
- Acoustic pressure emissions bystander (active, printing):
  - 365 watts (active printing), 2.8 watts (ready), 0.6 watts (sleep), 0.1 watts (manual off);
- Energy Star value typically based on measurement of 115 V device.

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, LRF, PWG

Printer management
HP Printer Assistant (UDC); HP Device Toolbox; HP Utility (Mac)

Printer smart software features
HP AutoOn/Auto-Off, HP Smart App

Connectivity
Standard connectivity
Hi-Speed USB 2.0 port

Mobile printing capability
Not applicable

Wireless capability
Not applicable

Memory
Standard: 32 MB; Maximum: 32 MB

Processor speed
500 MHz

Duty cycle (monthly)4
Up to 20,000 pages; Recommended monthly volume page:4 Up to 250 to 2,500 pages

Paper handling
Input
- 150-sheet input tray
- 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 supported
A6; A5; A4; Letter; No.10 Env; C5 Env; DL Env; B5(JIS); 105 x 148.5 mm to 215.9 x 356 mm

Systems
Compatible operating systems8
- 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 EI 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)
- Mac: Apple®OS X Capitan (v10.11) macOS Sierra (v10.12) macOS High Sierra (v10.13); 1.5 GB HD; Internet required: USB

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 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 Win®), HP PCLmS Printer Driver, HP Device Experience (DXP), HP Web Services Assist (HP Connected), Device Setup & Software, Online use manuals, HP Printer Assistant, HP Product Improvement Study.

For Mac OS: Welcome Screen, (Directs users to HP.com or OS App Source for LaserJet Software)

Power
Power supply type: Internal (Built-in) power supply
- Power supply required: 110V - 127V nominal @ +/-10% (min 99W, max 140W), 50 - 60Hz nominal +/- 3Hz (min 47Hz, max 63Hz), 220V - 240V nominal @ +/-10% (min 198W, Max 264W), 50 - 60Hz nominal +/- 3Hz (min 47Hz, max 63Hz); Power consumption:
  - 365 watts (active printing), 2.8 watts (ready), 0.6 watts (sleep), 0.1 watts (manual off), Typical Electricity Consumption (TEC) number: ES: 0.710 kWh/Week

Acoustics9
Acoustic power emissions (active, printing): 6.5 B(A); Acoustic power emissions (ready): 2.6 B(A); Acoustic pressure emissions bystander (active, printing): 51 dBA; Acoustic pressure emissions bystander (ready): 26 dBA

Environmental ranges
Operating temperature range: 15 to 32.5°C; Recommended operating temperature: 17 to 23°C; Operating humidity range: 30 to 70% RH

Dimensions (W x D x H)
380.5 x 293.4 x 211 mm

Weight
6.93 kg

What’s in the box7
- HP Neverstop Laser M1000a 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
- 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.

To learn more, visit hp.com

© 2019 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. To the extent allowed by law, HP shall not be liable for technical or editorial errors or omissions contained herein.

ENERGY STAR and the ENERGY STAR logo are registered U.S. marks. Microsoft and Windows are registered trademarks of Microsoft Corporation. AirPrint, iPad, iPhone, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries. Linux is a U.S. registered trademark of Linus Torvalds.