

HP ENVY Laptop 15-ep1002na



As limitless as your imagination

Performance meets precision. Harness the power of the HP ENVY 15.6 inch Laptop PC with an Intel® Core™ processor plus stunning graphics on a bright, high definition display so you can create in true-to-life colors with the greatest of ease. Ensure your creations stay private with features designed for your peace of mind.



*Product image may differ from actual product



Create fast so you can share faster

Create fast and at peak performance with an Intel® Core™ processor, NVIDIA® GeForce® graphics, plenty of storage, plus an IR sensor and hidden vents that keep your PC running cool.



Make every pixel perfect

The bright, high definition, 15.6 inch micro-edge display gives you more screen to showcase and share your creations with true-to-life color and precise detail.



Keep it confidential

Keep your creations under wraps until you're ready to share with peace of mind features like an unhackable camera shutter, dedicated microphone mute button and fingerprint reader.



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Featuring

Get a fresh perspective

Windows 11 provides a calm and creative space where you can pursue your passions through a fresh experience. From a rejuvenated Start menu, to new ways to connect to your favorite people, news, games, and content—Windows 11 is the place to think, express, and create in a natural way.¹

Exceptional experience, anywhere

11th Gen Intel® Core™ processors bring the perfect combination of features to make you unstoppable. Get things done fast with high performance, instant responsiveness and best-in-class connectivity.²

NVIDIA® GeForce RTX™ 3060

The GeForce RTX™ 3060 lets you take on the latest games using the power of Ampere—NVIDIA's 2nd generation RTX architecture. Get incredible performance with enhanced Ray Tracing Cores and Tensor Cores, new streaming multiprocessors, and high-speed G6 memory.³

AMOLED display

A display with pixel dimming that can present true black color and high contrast that makes it easier on your eyes to experience richer, deeper colors and 4K HDR support for amazing picture quality.⁴

Brilliant BrightView panel

Perfect for an ideal indoor experience, get a bright, clear picture for all your videos, photos, and documents.

Eyesafe® Certified Display

Eyesafe® certified displays meet TÜV low blue light requirements and Eyesafe® standards for protecting your eyes from harmful blue light without distorting colors. Laptops with integrated Eyesafe® displays help reduce eyestrain and improve eye comfort when working for long periods of time.

Flicker-free

Using DC Dimming technology that controls brightness by adjusting direct current rather than cycling the backlight, we can eliminate screen flickering for more comfortable viewing.⁵

HP QuickDrop

Wirelessly transfer photos, videos, documents and more between your PC and mobile device.

Effortlessly connected

Enjoy a smoother wireless experience with a Wi-Fi CERTIFIED 6™ (2x2) and Bluetooth® 5 combo—all your connections are solid, with up to 3x faster file transfer speeds than Wi-Fi 5.⁶

HP Wide Vision HD Camera

The 88-degree, wide-angle field of view lets you video chat with the entire family or group of friends in crystal clear detail.⁷

Thunderbolt™ 4 with USB4™ Type-C®

Power your device or connect an external display with a blazing 40Gbps signaling data rate from one impressive SuperSpeed USB-C® port with Thunderbolt™ 3. And it's reversible, so you never have to worry about plugging in upside down.⁸

McAfee® LiveSafe™

Protect your operating system with a free 30-day McAfee® LiveSafe™ subscription.⁹

Make the most out of your 365.

Bring your ideas to life. Your creativity now gets a boost with Microsoft 365. Office - Word, Excel, and Power Point - now includes smart assistance features that help make your writing more readable, your data clearer and your presentations more visually powerful. Try Microsoft 365 for free. 1-month trial for new Microsoft 365 customers.¹⁰

PCIe NVMe™ M.2 SSD storage

Boot up in seconds with lightning fast speed with up to 2 TB PCIe NVMe™ M.2 SSD storage.

Dual channel memory

With dual channel technology, two channels work simultaneously to double the communication speed between the memory controller and the RAM increasing system performance.

All-metal chassis

See and feel a heightened sense of craftsmanship with an all-metal angular chassis design, polished accents, and high-quality materials built to last.

Micro SD card reader

Simply insert a Micro SD card and increase your device's storage for more movies, photos, and music, or easily access any content you have stored on an existing card.

HP Imagepad with multi-touch gesture

This true multi-touch touchpad supports four finger gestures and lets you scroll, zoom, and navigate with a simple touch.

Full-sized keyboard

The full-sized keyboard allows you to work anywhere, with 1.5mm key travel for typing comfort and total productivity.

Dropbox cloud storage

Store and synchronize your content online with Dropbox. Get 25 GB of storage for one year to access, manage, and share your photos, music, and files from anywhere with Internet access.¹¹

Amazon Alexa Voice Service

Listen to music, get news, manage smart home devices and enable any of more than 50K skills – all hands-free using Amazon Alexa on your PC.¹²

Fingerprint reader

Seamlessly log in into your device in any position with the touch of your finger. Patented 3-D fingerprint technology ensures secure access.¹⁴

Microphone Mute

Enjoy greater peace of mind and the convenience of a dedicated microphone mute button that you can easily activate and know it's on or off with an LED indicator light.

An exceptionally rich audio experience

With HP Dual Speakers, HP Audio Boost, and custom tuning by the experts at Bang & Olufsen, entertainment comes to life with sound you can feel. Awaken your senses with PC audio perfection.

HP Fast Charge

When your laptop is low on power, no one has time to wait hours to recharge. Power down your device and go from 0 to 50% charge in approximately 45 minutes.¹⁵

All-in-One Keyboard

Control your privacy, security and multimedia with the touch of a button. With all your hotkeys in one area, seamlessly navigate with no distractions.

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Specifications

Performance

Operating system

Windows 11 Home³⁸

Processor

Intel® Core™ i9-11900H (up to 4.9 GHz with Intel® Turbo Boost Technology, 24 MB L3 cache, 8 cores, 16 threads)^{6,7}

Processor family: 11th Generation Intel® Core™ i9 processor

Chipset

Intel® HM570

Memory

32 GB DDR4-3200 MHz RAM (2 x 16 GB)

Transfer rates up to 3200 MT/s.

Number of User-accessible Memory Slots: 2

Storage

2 TB PCIe® NVMe™ TLC M.2 SSD

Optical drive not included

25 GB Dropbox storage for 12 months¹

Graphics

Discrete: NVIDIA® GeForce RTX™ 3060 Laptop GPU (6 GB GDDR6 dedicated)⁸;

NVIDIA® Max-Q technology

Audio

Audio by Bang & Olufsen; Dual speakers; HP Audio Boost

Display

39.6 cm (15.6") diagonal, 4K UHD (3840 x 2160), OLED, multitouch-enabled, UWVA, edge-to-edge glass, micro-edge, BrightView, 400 nits, 100% DCI-P3^{17,21,28}

Screen-to-body ratio

82.61%¹⁸

Power

200 W Smart AC power adapter;

Battery type

6-cell, 83 Wh Li-ion polymer

315 g

Battery and Power

Up to 5 hours³;

Supports battery fast charge; approximately 50% in 45 minutes⁵

Maximum battery life video playback

Up to 7 hours and 15 minutes¹⁰

Connectivity

Wireless connectivity

Intel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5 combo (Supporting Gigabit data rate)^{11,12,13,16}

MU-MIMO supported; Miracast® compatible

Ports

2 Thunderbolt™ 4 with USB4™ Type-C® 40Gbps signaling rate (DisplayPort™ 1.4, HP Sleep and Charge); 1 SuperSpeed USB Type-A 5Gbps signaling rate (HP Sleep and Charge); 1 SuperSpeed USB Type-A 5Gbps signaling rate; 1 HDMI 2.1; 1 AC smart pin; 1

headphone/microphone combo^{19,20}

Expansion slots

1 microSD media card reader

Webcam

HP Wide Vision 720p HD camera with camera shutter and integrated dual array digital microphones

Design

Product color

Natural silver aluminum, polished chrome logo

Sandblasted finish

Software

HP apps

HP Audio Switch; HP Connection Optimizer; HP Command Center; HP QuickDrop; OMEN Gaming Hub

Software

Alexa; ExpressVPN (30 day free trial); LastPass Premium (30 day free trial)²²;

1 month trial for new Microsoft 365 customers²⁴

Service & support

McAfee LiveSafe™; 1-month Adobe free trial offer^{2,25}

Additional information

Part Number

P/N: 4J935EA #ABU

UPC/EAN code: 196068832438

Ecolabels

EPEAT® registered²⁷

ENERGY STAR® certified

Weight

2.48 kg;

Packed: 3.61 kg

Weight Note: Weight varies by configuration

Dimensions

35.79 x 23.68 x 1.84 cm;

Packed: 6.9 x 30.5 x 52 cm

Dimension Note: Dimensions vary by configuration

Manufacturer Warranty

1 year (1/1/0) limited warranty includes 1 year of parts and labor. No on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.

Keyboard

Full-size, backlit, cool gray keyboard

HP Imagepad with multi-touch gesture support; Precision Touchpad Support

Security management

All-in-One keyboard; Trusted Platform Module (Firmware TPM) support

Fingerprint reader

Sensors

IR Thermal sensor

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Warranty services*



PC Care pack

3-year pickup and return
UM963E

Key Selling Points Footnotes

Feature Messaging Footnotes

- ¹ Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows is automatically updated and enabled. High speed internet and Microsoft account required. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.windows.com>.
- ² Multi-core is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. Intel's numbering is not a measurement of higher performance.
- ³ ©2022 NVIDIA Corporation. NVIDIA, the NVIDIA logo, GeForce, and GeForce RTX are registered trademarks and/or trademarks of NVIDIA Corporation in the United States and other countries. All other trademarks and copyrights are the property of their respective owners.
- ⁴ Graphics output may be limited based on the maximum resolution of the display. 4K content required to view full 4K images.
- ⁵ The flicker-free capability eliminates screen flickering through integrating DC-dimming LED backlights.
- ⁶ Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi CERTIFIED 6™ (802.11ax) is backwards compatible with prior 802.11 specs. Wi-Fi CERTIFIED 6™ is designed to support gigabit data rate when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 80MHz and higher channels. Wi-Fi CERTIFIED 6™ (802.11ax) is not supported in Belarus where Wi-Fi settings will be optimized to local regulatory requirements (802.11ac).
- ⁷ Features may require software or other 3rd party applications to provide the described functionality.
- ⁸ Actual throughput may vary. USB Type-C® and USB-C® are trademarks of USB Implementers Forum.
- ⁹ Internet service required and not included. Subscription required after 30 days.
- ¹⁰ 1-month free trial for new Microsoft® Office 365 customers. Credit card required and will not be billed until end of trial period. You can cancel anytime during trial period. Internet access is required and not included. See www.microsoft.com for full details.
- ¹¹ 25 GB of free online storage for one year from date of registration. For complete details and terms of use, including cancellation policies, visit the website at www.dropbox.com. Internet service required and not included.
- ¹² Alexa home supported devices are not included and must be purchased separately.
- ¹³ Internet service required and not included.
- ¹⁴ Recharges your battery up to 50% within 45 minutes when the system is off (using "shut down" command). Recommended for use with the HP adapter provided with the notebook, not recommended with a smaller capacity battery charger. After charging has reached 50% capacity, charging will return to normal speed. Charging time may vary +/-10% due to System tolerance. Available on select HP products. See <http://store.hp.com> for a full list of product features.

Technical Specifications Footnotes

- ¹ 25 GB of free Dropbox storage for 12 months from date of registration. For complete details and terms of use, including cancellation policies, visit the Dropbox website at <https://www.dropbox.com/help/space/hp-promotion>. Internet service required and not included.
- ² Windows MobileMark 18 Battery life will vary depending on various factors including product model, configuration, loaded applications, features, use, wireless functionality, and power management settings. The maximum capacity of the battery will naturally decrease with time and usage. See <https://bapco.com/products/mobilemark-2018/> for additional details.
- ³ Multi-core is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. Intel's numbering, branding and/or naming is not a measurement of higher performance.
- ⁴ Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See <http://www.intel.com/technology/turboboost/> for more information.
- ⁵ NVIDIA® Max-Q Design can help reduce system heat and noise in thinner form factor PCs. Form factor design and thickness of the system will vary. Overall graphics performance may be lower than alternative graphics solutions that do not utilize Max-Q design.
- ⁶ Battery life tested by HP using continuous FHD video playback, 1080p (1920x1080) resolution, 150 nits brightness, system audio level at 17%, player audio level at 100%, played full-screen from local storage, headphone attached, wireless on but not connected. Actual battery life will vary depending on configuration and maximum capacity will naturally decrease with time and usage.
- ⁷ Wi-Fi® supporting gigabit speeds is achievable when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 160 MHz channels.
- ⁸ Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited.
- ⁹ Wi-Fi 6 (802.11ax) is backwards compatible with prior 802.11 specs. The specifications for Wi-Fi 6 are draft and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the notebook to communicate with other Wi-Fi 6 devices. Only available in countries where 802.11ax is supported.
- ¹⁰ All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.
- ¹¹ Percent of active plus nonactive viewing area to active viewing area plus border. Measure with lid vertical to the desk.
- ¹² For best results with HP Sleep and Charge, use a USB charging protocol standard cable or cable adapter with an external device.
- ¹³ SuperSpeed USB 20Gbps is not available.
- ¹⁴ TÜV Low Blue Light is the Display Compliance Test Specification quality. See <https://www.certipedia.com/?locale=en#search> for more details.
- ¹⁵ Reverting to LastPass basic after 30 days.
- ¹⁶ Must activate within 180 days of Windows activation.
- ¹⁷ Offer available worldwide (excluding China and embargoed countries or other countries identified as restricted by applicable law or regulation) to new and existing subscribers who are 18+. Click on the Adobe icon in the start menu to redeem a 1-month free trial membership for select Adobe software. The software is tied to the device and is not transferrable. If you would like to sign up for an auto-renewing subscription, you can provide your payment method at sign-up. By adding a payment method, your subscription will automatically renew at the then current rate on your renewal date until you cancel. If you cancel before the end of the one-month free trial, you won't be charged. You can cancel your subscription anytime via your Adobe Account page or by contacting Customer Support. Please see current prices for Adobe Spark and the remaining Adobe products available in this offer. Offer not available to Education, OEM, or volume licensing customers. Subject to availability where the recipient resides. Additional terms and conditions may apply. VOID WHERE PROHIBITED OR RESTRICTED BY LAW.
- ¹⁸ Based on U.S. EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. EPEAT® status varies by country. Visit www.epeat.net for more information.
- ¹⁹ Eyesafe® Display for Low Blue Light is the Display Compliance Test Specification quality. See <https://eyesafe.com> for more details.
- ²⁰ Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows is automatically updated and enabled. High speed internet and Microsoft account required. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.windows.com>

