

HP ENVY All-in-One 32-a1002ng



Bring your ideas to life on the big screen

Create without limits on the ENVY All-in-One PC's massive 80 cm (31.5") diagonal display that features a high contrast display with a broad color gamut so you can bring your videos and photos projects to life like a pro at home. Experience the performance and responsiveness of an Intel® processor and NVIDIA® graphics so you can create faster than ever.



AUDIO BY
BANG & OLUFSEN



True-to-life colors that amaze

See your creations come to life on a stunning 80 cm (31.5") diagonal, wide-color-gamut HDR UHD 4K display¹. With 600 nits peak brightness and anti-reflective coating, view and edit creative projects with high color accuracy and without the glare.

Intuitively designed for you

Enjoy easy access to ports, wireless charging, a multi-device keyboard and accurate audio with tweeters and subwoofer custom tuned by Bang & Olufsen.

Power to create with ease

Experience impressive performance with an Intel® processor, NVIDIA® graphics, and ample memory and fast storage so you can power through your photo and video projects effortlessly.



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Featuring

Windows 10

Do great things confidently with the familiar feel of Windows - only better.²

10th Gen Intel® Desktop Processors

Outstanding 10th Gen Intel® Core™ processor performance easily keeps up with all your multimedia demands. Delivering enhanced 4K display capabilities with HDR support and optional ultra-fast Wi-Fi 6 options, tackle your tasks with no interruptions.³

Intel® UHD Graphics 630

Smoothly stream 4K content and play your favorite games in 720p, without the need for a dedicated graphics card. With excellent Intel® UHD graphics performance, you'll see the difference in everything you do.⁴

Intel® Optane™

This smart system accelerator learns from your everyday computing and helps your performance—making everything fast, smooth, and responsive.⁵

4K IPS display

With 8.2 million pixels, be mesmerized by the 4K experience. The spectacular 3840 x 2160 resolution delivers your content in jaw-dropping quality with true-to-life definition and 178° wide-viewing angles.⁶

HDR 600 display

HDR games and movies appear vivid and colorful, with enhanced contrast on a VESA-certified HDR 600 display. More accurate colors provide a more lifelike visual experience.⁷

DCI-P3 color space

Get deeper hues and more accurate colors with a wider color gamut than sRGB. DCI-P3 98% closely represents colors on displays as they are in the real world.⁸

Multi-device keyboard

Easily type on your computer, then switch to your phone or tablet with the touch of a button. Seamlessly shift between keyboards of two additional devices.

HP Privacy Camera

This innovative webcam and microphone was designed to pop up only when in use, and tuck safely out of sight when it's not, keeping you safe online.

McAfee® LiveSafe™

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

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.¹⁰

Dual storage configurations

By including both an SSD drive for the operating system and a traditional hard drive you get the benefits of both worlds—fast boot up times, snappy responsiveness, and larger storage capacity.

Wood accents. Crafted to be as unique as you.

The base of this exquisitely designed PC is accented with a one-of-a-kind wood grain pattern. As unique as you.¹⁴

Micro Edge display

By squeezing a larger screen into a smaller frame, this ultra-thin, barely visible bezel revolutionizes your display's appearance with a beautifully efficient design.

An exceptionally rich audio experience

HP speakers, custom-tuned in collaboration with experts at Bang & Olufsen, bring entertainment to life with sound you can feel. Awaken your senses with PC audio perfection.

Bigger sound, deeper bass

Experience theatre sound from the comfort of your home. Enhanced sound quality and bass help you enjoy your favorite music, movies, or games without adding speakers.

Advanced audio streaming

Enjoy listening to the music on your smartphone through your PC's speakers, even if your PC is turned off. Stream music from your smartphone to your PC using Bluetooth® technology.¹⁵

Wireless charging

Experience a new level of convenience with wireless charging built right into the base. Just place any compatible smartphone onto the base for completely cord-free charging.

Multi-device keyboard

Easily type on your computer, then switch to your phone or tablet with the touch of a button. Seamlessly shift between keyboards of two additional devices.

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Specifications

Performance

Operating system

Windows 10 Home 64

Processor

Intel® Core™ i7-10700 (2.9 GHz base frequency, up to 4.7 GHz with Intel® Turbo Boost Technology, 16 MB L3 cache, 8 cores)

Processor family: 10th Generation Intel® Core™ i7 processor ^{6,7}

Chipset

Intel® H470

Memory

32 GB DDR4-2933 SDRAM (2 x 16 GB); Total slots: 2 SODIMM

Transfer rates up to 2933 MT/s.

Storage

1 TB Intel® SSD

2 TB 5400 rpm SATA HDD

32 GB NVMe™ Intel® Optane™ Memory for storage acceleration⁹

Optical drive not included

Dropbox¹

Graphics

Discrete: NVIDIA® GeForce RTX™ 2080 Super™ (8 GB GDDR6 dedicated) ;

Powered by NVIDIA Turing™ GPU architecture

Audio

Audio by Bang & Olufsen; Dual 40 W speakers; 1 woofer

Display

80.0 cm (31.5") diagonal 4K UHD, IPS, ZBD, HDR 600, micro-edge, WLED-backlit with anti-reflection, edge-to-edge glass, 600 nits, 98% DCI-P3 (3840 x 2160)

Power

330 W Smart AC power adapter;

Connectivity

Network interface

Integrated 10/100/1000 GbE LAN

Wireless connectivity

Intel® Wi-Fi 6 AX 201 (2x2) and Bluetooth® 5 combo (Supporting Gigabit file transfer speeds)^{11,12,13,16}

Miracast compatible; MU-MIMO supported

Ports

Side: 1 SuperSpeed USB Type-A 5Gbps signaling rate (Battery Charging 1.2); 1 headphone/microphone combo

Rear: 1 Thunderbolt™ 3 (40Gbps signaling rate) with SuperSpeed USB Type-C® 10 Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.2); 1 SuperSpeed USB Type-C® 10Gbps signaling rate; 2 SuperSpeed USB Type-A 10Gbps signaling rate; 1 HDMI-in 2.0; 1 HDMI-out 2.0; 1 RJ-45

HP 3-in-1 memory card reader

Expansion slots

2 M.2

Webcam

HP Privacy 5MP IR Camera with integrated dual array digital microphone

Design

Product color

Nightfall black aluminum, dark ash woodgrain finish base and pale gold logo

Software

HP apps

HP Audio Switch; HP Display Control; HP Support Assistant

Software

Alexa; Netflix; ExpressVPN (30 day free trial); LastPass Premium (30 day free trial); 1 month trial for new Microsoft 365 customers

Service & support

McAfee LiveSafe™²

Additional information

Part Number

P/N: 1M6B7EA #ABD

UPC/EAN code: 195122424466

Energy efficiency compliance

ENERGY STAR® certified; EPEAT® Bronze registered

Weight

13.8 kg;

Packed: 20.88 kg

Dimensions

71.96 x 21.4 x 55.72 cm;

Packed: 86.7 x 28.7 x 65.5 cm

Warranty

2 year limited parts, labour and pickup and return service.; You can expand the warranty coverage of your product to reach up to 3 years in total; for more information go to the "Options and accessories" web section on hp.com product pages.

Included accessories

HP USB Nightfall Black Wireless keyboard and mouse combo

Features

Tilt: -5° forward to 25° back

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Recommended accessories

* Not included.



HP Stereo Headset
H2800 (Black w. Silk
Gold)
ZAP94AA



HP Thunderbolt Dock
120W with HDMI Adapter
6HP48AA



HP HDMI to VGA Cable
Adapter
X1B84AA



3-year pickup and return
UM918E

Warranty services*

Key Selling Points Footnotes

¹ 4K content required to view full 4K images.

Feature Messaging Footnotes

² 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 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.microsoft.com>.

³ Based on Wi-Fi 5 80MHz and Wi-Fi 6 160MHz minimum requirements when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 802.11ax (Wi-Fi 6). Only available in countries where 802.11ax is supported. Graphics output may be limited based on the maximum resolution of the display. Graphics output may be limited based on the maximum resolution of the display.

⁴ High-definition (HD) content required to view HD images. Graphics output may be limited based on the maximum resolution of the display. 4K content required to view full 4K images.

⁵ 7th Generation Intel® Core™ i processor or later required. Intel® Optane™ memory system acceleration does not replace or increase the DRAM in your system.

⁶ 4K content required to view full 4K images.

⁷ High dynamic range (HDR) content required to view HDR images. DisplayHDR™ is the high-performance Monitor and Display Compliance Test Specification from VESA specifying HDR (High Dynamic Range) quality. See <http://displayhdr.org> for more details.

⁸ All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

⁹ Internet service required and not included. Subscription required after 30 days.

¹⁰ 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.

¹⁴ Wood grain pattern will vary by PC.

¹⁵ Bluetooth® is a trademark owned by its proprietor and used by HP Inc. under license.

Technical Specifications Footnotes

¹ New Dropbox users are eligible to get 25 GB of Dropbox space free 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 Free 30 day subscription of McAfee LiveSafe service included. Internet access required and not included. Subscription required after expiration.

³ All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

⁵ Percent of active plus nonactive viewing area to active viewing area plus border. Measure with lid vertical to the desk.

⁶ 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.

⁷ Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See <http://www.intel.com/technology/turboboost/> for more information.

⁹ Intel® Optane™ memory system acceleration does not replace or increase the DRAM in your system.

¹¹ 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.

¹² Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited.

¹³ Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. 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.

¹⁶ Wi-Fi 6 (802.11ax) is not supported in Ukraine, Russia, and Indonesia where Wi-Fi settings will be optimized to local regulatory requirements (802.11ac).

¹⁷ Reverting to LastPass basic after 30 days.

