

HP ENVY All-in-One - 32-a1002ng (1M6B7EA)



Bring your ideas to life on the big screen

Create without limits on the ENVY All-in-One PC's massive 32" 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.



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.

True-to-life colors that amaze

See your creations come to life on a stunning 31.5" diagonal, wide-color-gamut HDR UHD 4K display^[1]. 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.

Featuring

 Windows 10

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]

Specifications

Form factor	All-in-One
Operating system	Windows 10 Home 64
Product color	Nightfall black aluminum, dark ash woodgrain finish base and pale gold logo
Processor family	10th Generation Intel® Core™ i7 processor
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) ^[6,7]
Chipset	Intel® H470
Memory	32 GB DDR4-2933 SDRAM (2 x 16 GB)
Memory Slots	2 SODIMM
Internal Storage	1 TB Intel® SSD
Hard drive (2nd)	2 TB 5400 rpm SATA HDD
Memory card device	HP 3-in-1 memory card reader
Graphics	Discrete
Graphics (discrete)	NVIDIA® GeForce RTX™ 2080 Super™ (8 GB GDDR6 dedicated)
Graphics	Integrated
Graphics (integrated)	Intel® UHD Graphics 630
Display	80 cm (31.5")diagonal 4K IPS ZBD HDR 600 micro-edge WLED-backlit with anti-reflection edge-to-edge glass, 450 nits, 98% DCI-P3 (3840 x 2160)
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Audio features	Audio by Bang & Olufsen; Dual 40 W speakers; 1 woofer
Minimum dimensions (W x D x H)	71.96 x 21.4 x 55.72 cm
Minimum dimensions (W x D x H)	28.3 x 8.4 x 21.9 in
Weight	13.8 kg
Weight	30.4 lb
Keyboard	HP USB Nightfall Black Wireless keyboard and mouse combo
Webcam	HP Privacy 5MP IR Camera with integrated dual array digital microphone
Ports	1 SuperSpeed USB Type-A 5Gbps signaling rate (Battery Charging 1.2); 1 headphone/microphone combo
Expansion slots	2 M.2
Ports	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
Package dimensions (W x D x H)	86.7 x 28.7 x 65.5 cm
Package weight	20.88 kg
Network interface	Integrated 10/100/1000 GbE LAN
Wireless	Intel® Wi-Fi 6 AX 201 (2x2) and Bluetooth® 5 combo (Supporting Gigabit file transfer speeds)
Power supply type	330 W Smart AC power adapter
Energy efficiency	ENERGY STAR® certified; EPEAT® Bronze registered
Security management	Kensington Security lock slot
Pre-installed software	Netflix
Software included	McAfee LiveSafe™
Software - Productivity & finance	1 month trial for new Microsoft 365 customers
Cloud service	Dropbox ^[1]
UPC number	195122424466

Top Recommended Displays, Accessories and Services

Keyboard and Mouse Kits

HP Pavilion Wireless Keyboard and Mouse 800	4CE99AA
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Mice

HP Spectre Rechargeable Mouse 700	3NZ71AA
HP ENVY Rechargeable Mouse 500	2LX92AA

Keyboards

HP Pavilion Wireless Keyboard 600	4CE98AA
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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.

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.

[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.

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