

# HP ENVY All-in-One 32-a0040



## Bring your ideas to life on the big screen

Experience the amazing performance of editing photos and videos faster than ever with an Intel® processor and NVIDIA® graphics. Bring your ideas to life on a massive, 31.5-inch diagonal display in the comfort of your home.

### Product overview

- **Maximum performance for content creation:** Think quick, create quicker. Experience impressive performance with a 9th Gen Intel® Core i7 processor and 32 GB DDR4 SRAM memory for improved multi-tasking. Designed and tested specifically for creative workflows, NVIDIA® GeForce RTX™ 2060 graphics lets you take on your biggest demands, like intensive content creation and serious multitasking, with ease. As a NVIDIA® GeForce RTX™ Studio product,<sup>(56)</sup> the HP ENVY 31.5-inch All-in-One PC is best for video editing, 3D animation, graphic design and photography, delivering dramatic improvements in productivity and performance. Now, you can create your best work—fast.
- **Endless possibilities to create:** Designed with the creative in mind. With NVIDIA® GeForce RTX™ 2060 graphics, accelerate your PC to create faster with ray tracing for stunning visuals, AI-assist to speed up tedious tasks, and high-resolution video editing in real-time. Watch your ideas come to life on this stunning 31.5-inch diagonal wide-color-gamut UHD 4K display<sup>(57)</sup> featuring HDR-600 with a 6000:1 contrast ratio. With 600 nits peak brightness and anti-reflective coating, DCI-P3 at 98%<sup>(20)</sup> and 10 bit color channel, you can view and edit creative projects or watch videos with crisp, high color accuracy minus the glare.
- **The ultimate cinematic experience:** Surround sound right out of the box. No extra speakers required. Enjoy superb sound, straight from the source, while editing and playing back audio content with built-in front-firing tweeters and subwoofer speakers custom tuned by Bang & Olufsen. With this ultimate audio experience, easily stream your playlists from your phone to your PC speakers, even with the PC off.<sup>(49)</sup>
- **Performance meets minimalism:** From the beautiful edge-to-edge glass display resting on a solid aluminium stand, to the matte nightfall black finish, accented with dark ash woodgrain, and a heathered acoustic cloth, this all-in-one adds an inherent richness to any home. With easy access to ports, built-in wireless charging, and a multi-device keyboard to switch from one device to another with a press of a button, everything you need is at your fingertips.
- **Made for your peace of mind:** Log-in securely with Windows Hello facial recognition, a 5MP pop-up privacy camera with an impressive 88-degree wide-angle field of view, and a microphone that is only enabled when in use -- all to safeguard your privacy.

### Key specifications

- **Operating system:** Windows 10 Home<sup>(1)</sup>
- **Processor:** 9th Generation Intel® Core™ i7-9700 processor<sup>(20)</sup>
- **Integrated display:** 31.5" diagonal 4K IPS ZBD HDR 600 micro-edge WLED-backlit with anti-reflection edge-to-edge glass, 600 nits, 98% DCI-P3 (3840 x 2160)<sup>(20)(37)</sup>
- **Memory:** 32 GB DDR4-2666 SDRAM memory<sup>(3)</sup> (2 x 16 GB)
- **Internal Storage:** 1 TB Intel® SSD + 32 GB Intel® Optane™ memory<sup>(15)(55)</sup>
- **Graphics:** NVIDIA® GeForce RTX™ 2060 graphics with 6 GB GDDR6 dedicated memory<sup>(3)</sup>
- **Mouse and keyboard:** USB Nightfall Black Wireless keyboard and mouse combo
- **Webcam:** HP Privacy 5MP IR Camera with integrated dual array digital microphone<sup>(69)</sup>
- **USB ports:** 5 (2 USB 3.1 Gen 2, 1 Thunderbolt™ 3, 1 USB 3.1 Gen 2 Type-C™, 1 USB 3.1 Gen 1)
- **Connectivity:** HDMI Out, HDMI In
- **Wireless:** Realtek Wi-Fi 5 (2x2) and Bluetooth® 5 Combo, MU-MIMO supported<sup>(15a)(26)</sup>
- **Warranty:** 1-year limited hardware warranty

### Product features

- **Windows 10 Home:** Do great things with Windows Hello and Cortana.<sup>(1)(60)</sup>
- **Authentic wood inlay. Crafted to be as unique as you.** This exquisitely designed PC is crafted with a one-of-a-kind, authentic wood inlay as unique as you.<sup>(85)</sup>
- **Micro-edge display:** The barely visible bezel revolutionizes your display by letting a larger screen fit into a smaller frame.
- **4K IPS display:** 8.2 million pixels bring your content to life in mesmerizing quality with 178° wide-viewing angles.<sup>(57)</sup>
- **DCI-P3 color space:** Get deeper hues and more accurate colors with a wider color gamut than sRGB.<sup>(20)</sup>
- **HDR 600 display:** HDR games and movies appear more lifelike on a VESA-certified HDR 600 display.<sup>(16)</sup>
- **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.

### Additional product features

- **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.
- **9th generation Intel® Core™ processor:** Experience a breakthrough in processor performance that delivers incredible in-game experiences and enables crisp, simultaneous live-streaming.
- **NVIDIA® GeForce RTX™ 2060 graphics:** Enjoy incredible power to create and game at ultra-fast speeds with the all-new NVIDIA® Turing™ architecture, including ray tracing technology for unbelievable visuals.
- **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.
- **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.
- **HP Privacy Camera:** The pop-up camera is only enabled when in use, securing your privacy.
- **Intel® Optane™ Memory H10 with Solid State Storage:** Launch your most used apps at faster speeds. Accomplish more in less time with two breakthrough technologies in a single form factor while seamlessly loading heavy duty images and videos.<sup>(55)</sup>
- **PCIe® NVMe™ SSD storage:** Get up to 15x faster performance than a traditional hard drive.<sup>(58a)</sup>
- **Wi-Fi 5 (2x2) & Bluetooth® 5.0:** With a Wi-Fi 5 (2x2) WLAN adapter and Bluetooth® 5.0, all your connections are rock solid.<sup>(15a)(26)</sup>
- **MU-MIMO supported:** Pair with a MU-MIMO router for a smoother online experience in multi-device homes.
- **McAfee LiveSafe™:** Protect your operating system with a free 30-day McAfee LiveSafe™ trial.<sup>(8)</sup>
- **CES 2020 Innovation Award Honoree:** Honored for outstanding design and engineering in consumer technology products.<sup>(99)</sup>

### Energy efficiency your way

HP is committed to global citizenship and environmental responsibility. Do the environment—and your wallet—a favor when you use the HP ENVY All-in-One that meets strict energy-efficiency and helps reduce your carbon footprint.

- ENERGY STAR® certified<sup>(62)</sup>
- Low Halogen<sup>(61)</sup>
- Mercury-free display backlights
- Arsenic-free display glass

### Warranty and support

Our Customer Support Team consistently provides quick, responsive assistance in the U.S., Canada and Latin America.

#### Included with your product:

- **HP's Hardware Limited Warranty:** Full warranty details are included with your product.
- **Technical Support for Software & initial set-up:** Warranty details are included with your product.

#### Support Options:

- **HP Support Assistant - HPSA:** Optimized to enhance your support experience. Help for your PC and HP printers whenever you need it.<sup>(56)</sup>
- **Online Support:** For technical support with this product, visit HP Customer Support <http://support.hp.com>.<sup>(110)</sup>
- **Social Media Support:** To find solutions, ask questions, and share tips, join us on the HP Support Community at [hp.com/go/community](http://hp.com/go/community), on Twitter at [twitter.com/HPSupport](https://twitter.com/HPSupport), and Facebook at [facebook.com/HPSupport](https://facebook.com/HPSupport).<sup>(110)</sup>

#### Extend your coverage:

- **SmartFriend, part of HP Care:** Experts are available 24/7 to handle any tech issue, on any device, from any brand. Visit [www.hp.com/go/smartfriend](http://www.hp.com/go/smartfriend) to learn more or call toll-free 1.844.814.1800 to get started.<sup>(85)</sup>
- **Care Packs, part of HP Care:** Extend protection beyond the standard limited warranty. For more info, visit [www.hp.com/go/crepack-services](http://www.hp.com/go/crepack-services) or call toll-free at 1.877.232.8009.<sup>(85)</sup>



AUDIO BY  
BANG & OLUFSEN



## Specifications

<b>Operating system</b>	• <b>Windows 10 Home</b> <sup>(1)</sup>
<b>Processor</b>	• 9th Generation Intel® Core™ i7-9700 processor <sup>(2b)</sup> • 8-Core
<b>Processor speed</b>	• 3.00GHz <sup>(2b)</sup>
<b>Cache</b>	• 12 MB Cache
<b>Memory</b>	• 32 GB DDR4-2666 SDRAM memory <sup>(3)</sup> (2 x 16 GB) (expandable to 32 GB unbuffered with 16 GB DIMMs)
<b>Internal storage</b>	• 1 TB Intel® SSD + 32 GB Intel® Optane™ memory <sup>(5)(55)</sup>
<b>Finish</b>	• HP finish in nightfall black
<b>Video graphics</b>	• NVIDIA® GeForce RTX™ 2060 graphics with 6 GB GDDR6 dedicated memory <sup>(13)</sup>
<b>Network interface</b>	• 10/100/1000 Base-T Network <sup>(29)</sup>
<b>Wireless connectivity</b>	• Realtek Wi-Fi 5 (2x2) and Bluetooth® 5 Combo, MU-MIMO supported <sup>(19a)(26)</sup>
<b>Sound</b>	• Audio by Bang & Olufsen • 2.1 channel system with 3-way design: Theatre sound from the comfort of your home. • Tuned stereo speakers
<b>Memory slots</b>	• 2 DIMM (SO-DIMM) (occupied)
<b>Expansion slots</b>	• 2 M.2 (occupied)
<b>Memory card reader</b>	• HP 3-in-1 Media Card Reader—Supports SD, SDHC, SDXC.
<b>External ports</b>	• Headphone/Microphone Combo • HDMI Out, HDMI In • Rear I/O: 2 USB 3.1 Gen 2, 1 Thunderbolt™ 3 (40Gb/s signaling rate, Power Delivery 3.0, DisplayPort™ 1.2) <sup>(41)(50)</sup> , 1 USB 3.1 Gen 2 Type-C™ <sup>(42)</sup> • Side I/O: 1 USB 3.1 Gen 1
<b>Total USB ports</b>	• 5 (2 USB 3.1 Gen 2, 1 Thunderbolt™ 3, 1 USB 3.1 Gen 2 Type-C™, 1 USB 3.1 Gen 1)
<b>Mouse and keyboard</b>	• USB Nightfall Black Wireless keyboard and mouse combo
<b>Web camera</b>	• HP Privacy 5MP IR Camera with integrated dual array digital microphone <sup>(69)</sup>
<b>Microphone</b>	• Dual array digital microphone
<b>Integrated display</b>	• 31.5" diagonal 4K IPS ZBD HDR 600 micro-edge WLED-backlit with anti-reflection edge-to-edge glass, 600 nits, 98% DCI-P3 (3840 x 2160) <sup>(20)(37)</sup>
<b>Tilt/stand design</b>	• <b>Tilt Angle:</b> -5 to 25 • <b>Stand Type:</b> Cantilever
<b>Power supply</b>	• 330 W Smart AC power adapter
<b>Dimensions</b>	• <b>Unpackaged:</b> 6.90 in (L) x 28.30 in (W) x 21.90 in (H) approx. • <b>Packaged:</b> 34.13 in (L) x 11.30 in (W) x 25.79 in (H) approx.

## Learn more at [hp.com](http://hp.com)

<sup>(1)</sup> 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> <sup>(2b)</sup> 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. Intel, Pentium, Intel Core, Celeron, Intel logo and the Intel Inside logo are trademarks of Intel Corporation in the U.S. and other countries. <sup>(3)</sup> Up to 512MB of main system memory may be allocated to support video graphics. <sup>(6)</sup> Internet access required and not included. Subscription required after 30 days trial period. McAfee, LiveSafe and the McAfee logo are trademarks or registered trademarks of McAfee, Inc. in the United States and other countries. <sup>(10)</sup> Internet service required and not included. <sup>(13)</sup> NVIDIA, GeForce, Surround, and the NVIDIA logo are trademarks and/or registered trademarks of NVIDIA Corporation in the U.S. and other countries. <sup>(15)</sup> Actual formatted capacity is less. Portion of internal storage is reserved for preloaded content. <sup>(19a)</sup> Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 5 (802.11ac) is backwards compatible with prior Wi-Fi 5 specs. <sup>(20)</sup> All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower. <sup>(22)</sup> 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 [www.dropbox.com](http://www.dropbox.com). Internet service required and not included. <sup>(26)</sup> Bluetooth® is a trademark owned by its proprietor and used by Hewlett-Packard Company under license. <sup>(29)</sup> Actual speeds may vary. <sup>(30)</sup> High dynamic range (HDR) content required to view HDR images. See <http://displayhdr.org> for more details. <sup>(37)</sup> 4K/UHD content required to view 4K/UHD images. <sup>(41)</sup> Transfer rate may vary. All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower. <sup>(42)</sup> USB Type-C™ and USB-C™ are trademarks of USB Implementers Forum. <sup>(49)</sup> Supports devices with Android 5.0 and higher and iPhone with iOS 11. Bluetooth® must be turned on in setting for device detection and data charges may apply. <sup>(50)</sup> DisplayPort™ and the DisplayPort™ logo are trademarks owned by the Video Electronics Standards Association (VESA®) in the United States and other countries. <sup>(51)</sup> Call 1.800.474.6836 or [www.support.hp.com](http://www.support.hp.com) for more information on Care Packs available after 90 days. After 90 days, an incident fee may apply. <sup>(52)</sup> Intel® Optane™ memory system acceleration does not replace or increase the DRAM in your system. 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Service parts obtained after purchase may not be Low Halogen. <sup>(62)</sup> ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency. <sup>(63)</sup> Service levels and response times for Care Packs may vary depending on your geographic location. Restrictions and limitations apply. Service starts at date of hardware purchase. HP Care Packs are sold separately. For details, visit [www.hp.com/go/carepack-services](http://www.hp.com/go/carepack-services). <sup>(65)</sup> Wood grain pattern will vary by PC. <sup>(69)</sup> Features may require software or other 3rd party applications to provide the described functionality. Internet service required and not included. <sup>(70)</sup> HP SmartFriend will support any major brand of computer and tablet running Microsoft Windows, OSX, iOS, Android, and Chrome OS. 24x7 support is available in English and in the US & Canada (excluding the Province of Quebec) only. Service availability varies by country/region. Internet connection required for remote support. Remote support not available for tablets. Not all service plans cover support for tablets. HP SmartFriend sold separately or as an add-on feature. <sup>(96)</sup> See <https://www.nvidia.com/en-us/design-visualization/creators/> for more information about NVIDIA RTX Studio certified PCs. <sup>(99)</sup> The CES Innovation Awards are based upon descriptive materials submitted to the judges. CTA did not verify the accuracy of any submission or of any claims made and did not test the item to which the award was given. Actual product may vary from image shown on datasheet. © Copyright 2020 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 shall be construed as constituting an additional warranty. 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<b>Weight</b>	• <b>Unpackaged:</b> 30.40 lb approx. • <b>Packaged:</b> 46.04 lb approx.
<b>Warranty and support</b>	• 1-year limited hardware warranty. Additional information available at <a href="http://www.support.hp.com">www.support.hp.com</a> • 90 days limited technical support for software and initial setup (from date of purchase) <sup>(53)</sup>

## Software

<b>HP help and support</b>	• <b>HP JumpStarts:</b> Get access to great HP solutions and learn about valuable features that come with your new HP PC. • <b>HP Support Assistant:</b> Help with your HP PC and printers whenever you need it. <sup>(56)</sup>
<b>Books, music, photos and videos</b>	• <b>Bang &amp; Olufsen:</b> HP speakers, custom-tuned in collaboration with experts at Bang & Olufsen, bring entertainment to life with sound you can feel.
<b>Productivity and tools</b>	• <b>Dropbox cloud storage:</b> Store and synchronize your content online with Dropbox. Get 25GB of storage for one year to access, manage, and share your photos, music, and files from anywhere with Internet access. <sup>(22)</sup> • <b>HP Connection Optimizer:</b> Get consistent and reliable Wi-Fi performance with software that automatically switches between the most efficient wireless access points. <sup>(10)</sup>
<b>Security and protection</b>	• <b>McAfee LiveSafe™:</b> Protect your operating system with a free 30-day McAfee LiveSafe™ trial. <sup>(6)</sup>

## Additional information

<b>Product number</b>	• 6YR48AA#ABA
<b>Ad embargo date</b>	• 01/07/2020
<b>UPC code</b>	• 194721132055
<b>Country of origin</b>	• China
<b>Tariff number</b>	• 8471490000 (US AIO Non Touch)
<b>Pallet information</b>	• <b>Dimensions:</b> 47.24 in (L/D) x 39.37 in (W) x 82.68 in (H) approx. • <b>Total weight:</b> 552.48 lb approx. • <b>Layers:</b> 3 • <b>Products per layer:</b> 4 • <b>Total products per pallet:</b> 12

