# HP ENVY All-in-One 32-a0040

## Key specifications
- **Operating system:** Windows 10 Home
- **Processor:** 9th Gen Intel® Core™ i7-9700 processor
- **Memory:** 32 GB DDR4-2666 SDRAM memory / 16 GB / 16 GB
- **Internal Storage:** 1 TB Intel® SSD + 32 GB Intel® Optane™ memory
- **Graphics:** NVIDIA® GeForce RTX™ 2060 graphics with 6 GB GDDR6 dedicated memory
- **Wi-Fi:** Wi-Fi 5 (2x2) & Bluetooth® 5.0
- **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
- **Warranty:** 1-year limited hardware warranty

## Product features
- **Windows 10 Home**: Do great things with Windows Hello and Cortana.
- **Authentic wood inlay**: Crafted to be as unique as you. The edge-to-edge glass display resting on a solid aluminium stand, the matte milled black finish, accented with dark ash woodgrain, and a leathered acoustic cover, this all-in-one adds an inherent richness to any home. This easy-to-access ports, built-in wireless charging, and a multi-device keyboard to switch from one device to another with the press of a button; everything you need is at your fingertips.
- **Wireless charging**: Experience a breakthrough in processor performance that delivers incredible in-game experiences and enables crisp, simultaneous live-streaming.
- **NVIDIA® GeForce RTX™ 2060 graphics**:
  - HDR games and movies appear more lifelike on a VESA-certified HDR 600 display.
  - Experience theatre sound from the comfort of your home.
  - Experience 9th generation Intel® Core™ processor performance that delivers incredible in-game experience and enables crisp, simultaneous live-streaming.
  - NVIDIA® GeForce RTX™ 2060 graphics:
  - Experience incredible power to create and game at ultra-fast speeds with the all-new NVIDIA® Turing™ architecture, including ray tracing technology for unbelievable visuals.
  - Multiple-video keyboards: Easily type on your computer, then switch to your phone or tablet with the touch of a button. Seamlessly switch between keyboards of two additional devices.
  - Integrated display:
    - 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.
    - Experience a breakthrough in processor performance that delivers incredible in-game experiences and enables crisp, simultaneous live-streaming.
  - Wi-Fi 5 (2x2) & Bluetooth® 5.0 with Wi-Fi 6 (802.11ax)
  - Wi-Fi 6E (802.11ax)
- **32 GB DDR4-2666 SDRAM memory**
- **Energy efficiency your way**
- **HP Support Assistant - HPSA**:
- **Technical Support for Software & initial set-up**:
  - Windows Hello and Cortana
- **HP Support Assistant**: Protect your operating system with the all-new NVIDIA® LiveSafe™ subscription.
- **CES 2020 Innovation Award Honoree**: Honored for outstanding design and engineering in consumer technology products.
- **Energy efficiency your way**
  - ENERGY STAR® certified
  - Low Halogen
  - Mercury-free display backlights
  - Arsenic-free display glass

## 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**
- **Low Halogen**
- **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.
- **Social Media Support:** To find solutions, ask questions, and share tips, join us on the HP Support Community at http://community.hp.com, on Twitter at twitter.com/HPSupport, and Facebook at facebook.com/HPSupport.

## 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 experience and enables crisp, simultaneous live-streaming.
- **NVIDIA® GeForce RTX™ 2060 graphics**:
  - Experience incredible power to create and game at ultra-fast speeds with the all-new NVIDIA® Turing™ architecture, including ray tracing technology for unbelievable visuals.
  - Multiple-video keyboards: Easily type on your computer, then switch to your phone or tablet with the touch of a button. Seamlessly switch between keyboards of two additional devices.
  - 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. Achieve more in less time with two breakthrough technologies in a single form factor while seamlessly loading heavy duty images and videos.
- **PCIe® NVMe™ SSD storage**: Get up to 15x faster performance than a traditional hard drive.
- **Wi-Fi 5 (2x2) & Bluetooth® 5.0**: With a Wi-Fi 5 (2x2) Wi-Fi adapter and Bluetooth® 5.0, all your connections are rock solid.
- **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 the all-new McAfee LiveSafe™ subscription.
- **CES 2020 Innovation Award Honoree**: Honored for outstanding design and engineering in consumer technology products.

## Key specifications
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- **Processor:** 9th Gen Intel® Core™ i7-9700 processor
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- **Internal Storage:** 1 TB Intel® SSD + 32 GB Intel® Optane™ memory
- **Graphics:** NVIDIA® GeForce RTX™ 2060 graphics with 6 GB GDDR6 dedicated memory
- **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
- **Warranty:** 1-year limited hardware warranty

## Product features
- **Windows 10 Home**: Do great things with Windows Hello and Cortana.
- **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.
- **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-degree wide-viewing angles.
- **DCI-P3 color space**: Get deeper hues and more accurate colors with a wider color gamut than sRGB.
- **HDR 600 display**: HDR games and movies appear more lifelike on a VESA-certified HDR 600 display.
- **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.

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## 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.
- **Online Support**: For technical support with this product, visit HP Customer Support http://support.hp.com.
- **Social Media Support**: To find solutions, ask questions, and share tips, join us on the HP Support Community at http://community.hp.com, on Twitter at twitter.com/HPSupport, and Facebook at facebook.com/HPSupport.

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 to learn more or call toll-free 1.844.814.1800 to get started.
- **Care Packs, part of HP Care**: Extend protection beyond the standard limited warranty. For more info, visit www.hp.com/go/carepack-services or call toll-free at 1.877.232.8009.
### Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating system</td>
<td>Windows 10 Home&lt;sup&gt;(10)&lt;/sup&gt;</td>
</tr>
<tr>
<td>Processor</td>
<td>9th Generation Intel® Core™ i7-9700 processor&lt;sup&gt;(43)&lt;/sup&gt;</td>
</tr>
<tr>
<td>- B-Core</td>
<td></td>
</tr>
<tr>
<td>Processor speed</td>
<td>3.00GHz&lt;sup&gt;(28)&lt;/sup&gt;</td>
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<tr>
<td>Cache</td>
<td>12 MB Cache</td>
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<tr>
<td>Memory</td>
<td>32 GB DDR4-2666 SODRAM memory&lt;sup&gt;(20)&lt;/sup&gt; (2x 16 GB) (expandable to 32 GB buffered with 16 GB DIMMs)</td>
</tr>
<tr>
<td>Internal storage</td>
<td>1 TB Intel® SSD + 32 GB Intel® Optane™ memory&lt;sup&gt;(11)&lt;/sup&gt;</td>
</tr>
<tr>
<td>Finish</td>
<td>HP finish in nightfall black</td>
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<tr>
<td>Video graphics</td>
<td>NVIDIA® GeForce RTX™ 2060 graphics with 6 GB GDDR6 dedicated memory&lt;sup&gt;(7)&lt;/sup&gt;</td>
</tr>
<tr>
<td>Network interface</td>
<td>10/100/1000 Base-T Network&lt;sup&gt;(24)&lt;/sup&gt;</td>
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<tr>
<td>Wireless connectivity</td>
<td>Realtek Wi-Fi 5 (2x2) and Bluetooth® 5 Combo, MU-MIMO supported&lt;sup&gt;(42)&lt;/sup&gt;</td>
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<tr>
<td>Sound</td>
<td>Audio by Bang &amp; Olufsen</td>
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<tr>
<td>- 2.1 channel system with 3-way design: Theatre sound from the comfort of your home.</td>
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<tr>
<td>- Tuned stereo speakers</td>
<td></td>
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<tr>
<td>Memory slots</td>
<td>2 DIMM (SO-DIMM) (occupied)</td>
</tr>
<tr>
<td>Expansion slots</td>
<td>2 M.2 (occupied)</td>
</tr>
<tr>
<td>Memory card reader</td>
<td>HP-in-1 Media Card Reader-Supports SD, SDHC, SDXC.</td>
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<tr>
<td>External ports</td>
<td>Headphone/Microphone Combo</td>
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<tr>
<td>- HDMI Out, HDMI In</td>
<td></td>
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<tr>
<td>- Rear I/O: 2 USB 3.1 Gen 2, 1 Thunderbolt™ 3 40Gb/s signaling rate, Power Delivery 3.0, DisplayPort™ 1.2&lt;sup&gt;(16)&lt;/sup&gt;, 1 USB 3.1 Gen 2 Type-C&lt;sup&gt;(22)&lt;/sup&gt;, 1 Side I/O: 1 USB 3.1 Gen 1</td>
<td></td>
</tr>
<tr>
<td>Total USB ports</td>
<td>5 (2 USB 3.1 Gen 2, 1 Thunderbolt™ 3, 1 USB 3.1 Gen 2 Type-C&lt;sup&gt;(1)&lt;/sup&gt;, 1 USB 3.1 Gen 1)</td>
</tr>
<tr>
<td>Mouse and keyboard</td>
<td>USB Nightfall Black Wireless keyboard and mouse combo</td>
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<tr>
<td>Web camera</td>
<td>HP Privacy SMP IR Camera with integrated dual array digital microphone&lt;sup&gt;(40)&lt;/sup&gt;</td>
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<tr>
<td>Microphone</td>
<td>Dual array digital microphone</td>
</tr>
<tr>
<td>Integrated display</td>
<td>31.5” diagonal 4K IPS ZBD HDR 600 micro-edge WLED-backlit with anti-glare edge-to-edge glass, 600 nits, 98% DCI-P3 (3840 x 2160)&lt;sup&gt;(21)&lt;/sup&gt;</td>
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<tr>
<td>Tilt/stand design</td>
<td>Tilt Angle: 5 to 25</td>
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<tr>
<td>- Stand Type: Cantilever</td>
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<tr>
<td>Power supply</td>
<td>330 W Smart AC power adapter</td>
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<tr>
<td>Dimensions</td>
<td>Unpackaged: 6.89 in (L) x 28.30 in (W) x 21.90 in (H) (approx.)</td>
</tr>
<tr>
<td>- Packaged: 34.13 in (L) x 11.30 in (W) x 25.79 in (H) (approx.)</td>
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</tbody>
</table>

### Additional information

- **Product number**: 6YR4AAABA
- **Ad embargo date**: 01/07/2020
- **UPC code**: 194721132055
- **Country of origin**: China
- **Tariff number**: 8471490000 (US: NO, Non-Touch)
- **Pallet information**: Dimensions: 67.24 in (L) x 39.37 in (W) x 82.68 in (H) approx.
  - **Total weight**: 552.48 lb approx.
  - **Layers**: 3
  - **Products per layer**: 4
  - **Total products per pallet**: 12

### Software

- **HP help and support**: HP JumpStarts: Get access to great HP solutions and learn about valuable features that come with your new HP PC.
- **HP Support Assistant**: Help with your HP PC and printers whenever you need it.<sup>(54)</sup>
- **Books, music, photos and videos**: Bang & Olufsen: HP speakers, custom-tuned in collaboration with experts at Bang & Olufsen, bring entertainment to life with sound you can feel.
- **Productivity and tools**: Dropbox cloud storage: 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>(23)</sup>
- **HP Connection Optimizer**: Get consistent and reliable Wi-Fi performance with software that automatically switches between the most efficient wireless access points.<sup>(19a)</sup>
- **Security and protection**: McAfee LiveSafe<sup>(6)</sup>: Protect your operating system with a free 30-day McAfee LiveSafe™ trial.<sup>(20)</sup>

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<sup>(1)</sup> Not all features are available in all editions or versions of Windows. Specifications 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>(2)</sup> Multi-core design to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance will vary depending on application workload and your hardware and software configuration. Intel’s numbering, branding and/or naming is not a measurement of higher performance. Intel, Pentium, Intel Core, Celeron, Intel logos and the Intel inside logo are trademarks of Intel Corporation in the U.S. and other countries. Actual formatted capacity is less. Portion of internal storage is reserved for preloaded content. High dynamic range (HDR) content required to view HDR images. See https://www.nvidia.com/en-us/design-visualization/creators/ for more information about NVIDIA RTX Studio certified PCs. Some features including voice supported Cortana, Windows Hello, and Windows Defender are only available on Windows 10-based PCs. Internet connection required for updating and connecting to HP Support. Restrictions and limitations apply. 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. See https://www.microsoft.com/en-us/design-visualization/creators/ for more information about NVIDIA RTX Studio certified PCs. The EES Innovation Awards are based upon descriptive materials submitted to the judges. CTI 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 products 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. HP shall not be liable for technical or editorial errors or omissions contained herein. Other trademarks are property of their respective owners. 12/30_r1 jr