

HP ENVY All-in-One 32-a1050



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

- **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-inch diagonal, wide-color-gamut HDR 4K display.⁽³⁷⁾ 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.
- **Privacy camera for peace of mind:** Protect your privacy with the help of a 1920p pop-up privacy camera featuring an 88° wide-angle field of view and microphone that are enabled only when in use.

Key specifications

- **Operating system:** Windows 10 Home⁽¹⁾
- **Processor:** 10th Generation Intel® Core™ i7-10700 processor^(2b)
- **Integrated display:** 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)⁽²⁰⁾⁽³⁶⁾⁽³⁷⁾
- **Memory:** 32 GB DDR4-2933 SDRAM memory⁽³⁾ (2 x 16 GB)
- **Internal Storage:** 1 TB PCIe® NVMe™ M.2 Solid State Drive^{(15)(58b)}
- **Graphics:** NVIDIA® GeForce RTX™ 2070 graphics card with 8 GB GDDR6 dedicated memory⁽¹³⁾
- **Mouse and keyboard:** USB nightfall black wireless keyboard and mouse combo
- **Webcam:** HP Wide Vision 5 MP IR privacy camera with integrated quad array digital microphone⁽⁶⁹⁾
- **USB ports:** 5 (2 SuperSpeed USB Type-A 10Gbps signaling rate, 1 Thunderbolt™ 3, 1 SuperSpeed USB Type-C⁽⁴²⁾ 10Gbps signaling rate, 1 SuperSpeed USB Type-A 5Gbps signaling rate)
- **Connectivity:** HDMI Out, HDMI In
- **Wireless:** Realtek Wi-Fi 5 (2x2) and Bluetooth® 5 Combo, MU-MIMO supported^{(19a)(26)}
- **Warranty:** 1-year limited hardware warranty

Product features

- **Windows 10 Home:** Do great things with Windows Hello and Cortana.⁽¹⁾⁽⁶⁰⁾
- **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.⁽⁶⁷⁾
- **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.⁽³⁷⁾
- **DCI-P3 color space:** Get deeper hues and more accurate colors with a wider color gamut than sRGB.⁽²⁰⁾
- **HDR 600 display:** HDR games and movies appear more lifelike on a VESA-certified HDR 600 display.⁽³⁶⁾
- **Eye comfort and protection:** Reduces harmful blue light and flickering to help improve eye comfort when working for long periods of time.
- **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.
- **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.
- **10th Gen Intel® desktop processor:** Outstanding performance and immersive multimedia entertainment with 4K visuals.⁽¹²⁾
- **NVIDIA® GeForce® RTX™ 2070 graphics:** The all-new NVIDIA® Turing™ architecture with breakthrough ray tracing technology brings the future of gaming with incredible realism and performance.

Additional product features

- **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.
- **PCIe® NVMe™ SSD storage:** Get up to 15x faster performance than a traditional hard drive.^(58b)
- **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.^{(19a)(26)}
- **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.⁽⁸⁾
- **CES 2020 Innovation Award Honoree:** Honored for outstanding design and engineering in consumer technology products.⁽⁹⁹⁾

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⁽⁶²⁾
 - Low Halogen⁽⁶¹⁾
 - 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.⁽⁵⁶⁾
 - **Online Support:** For technical support with this product, visit HP Customer Support <http://support.hp.com>.⁽¹⁰⁾
 - **Social Media Support:** To find solutions, ask questions, and share tips, join us on the HP Support Community at community.hp.com, on Twitter at twitter.com/HPSupport, and Facebook at facebook.com/HPSupport.⁽¹⁰⁾
- 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.⁽⁹⁵⁾
 - **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.⁽⁸³⁾



AUDIO BY
BANG & OLUFSEN



Specifications

Operating system	• Windows 10 Home⁽¹⁾
Processor	• 10th Generation Intel® Core™ i7-10700 processor ^(2b) • 8-Core
Processor speed	• 2.90 GHz ^(2b)
Cache	• 16 MB Cache
Memory	• 32 GB DDR4-2933 SDRAM memory ⁽³⁾ (2 x 16 GB)
Internal storage	• 1 TB PCIe® NVMe™ M.2 Solid State Drive ^{(15)(58b)}
Finish	• HP finish in nightfall black
Video graphics	• NVIDIA® GeForce RTX™ 2070 graphics with 8 GB GDDR6 dedicated memory ⁽¹³⁾
Network interface	• 10/100/1000 Base-T Network ⁽²⁹⁾
Wireless connectivity	• Realtek Wi-Fi 5 (2x2) and Bluetooth® 5 Combo, MU-MIMO supported ^{(19a)(26)}
Sound	• Audio by Bang & Olufsen • 2.1 channel system with 3-way design: Theatre sound from the comfort of your home.
Memory slots	• 2 DIMM (SO-DIMM) (occupied)
Expansion slots	• 2 M.2 (occupied)
Memory card reader	• HP 3-in-1 Media Card Reader—Supports SD, SDHC, SDXC
External ports	• Headphone/Microphone Combo • HDMI Out, HDMI In • Rear I/O: 2 SuperSpeed USB Type-A 10Gbps signaling rate, 1 Thunderbolt™ 3 ⁽⁵¹⁾ (USB Power Delivery, DisplayPort™ 1.4), ⁽⁵⁰⁾ 1 SuperSpeed USB Type-C® 10Gbps signaling rate ⁽⁴²⁾ • Side I/O: 1 SuperSpeed USB Type-A 5Gbps signaling rate
Total USB ports	• 5 (2 SuperSpeed USB Type-A 10Gbps signaling rate, 1 Thunderbolt™ 3, 1 SuperSpeed USB Type-C® ⁽⁴²⁾ 10Gbps signaling rate, 1 SuperSpeed USB Type-A 5Gbps signaling rate)
Mouse and keyboard	• USB nightfall black wireless keyboard and mouse combo
Web camera	• HP Wide Vision 5 MP IR privacy camera with integrated quad array digital microphone ⁽⁶⁹⁾
Microphone	• Quad array digital microphone
Integrated display	• 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) ⁽²⁰⁾⁽³⁶⁾⁽³⁷⁾
Tilt/stand design	• Tilt Angle: -5 to 25 • Stand Type: Cantilever • Wireless Charging: Wirelessly charge your compatible smartphone through your PC's charger base.
Power supply	• 330 W Smart AC power adapter
Dimensions	• Unpackaged: 8.40 in (L) x 28.30 in (W) x 21.90 in (H) approx. • Packaged: 34.13 in (L) x 11.30 in (W) x 25.79 in (H) approx.

Learn more at hp.com

⁽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 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> ^(2b) 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. ^(2b) GHz refers to internal clock speed of the processor. Other factors besides clock speed may impact system and application performance. ⁽³⁾ Up to 512MB of main system memory may be allocated to support video graphics. ⁽⁶⁾ 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. ⁽¹⁰⁾ Internet service required and not included. ⁽¹²⁾ Graphics output may be limited based on the maximum resolution of the display. ⁽¹³⁾ ©2020 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. ⁽¹⁵⁾ Actual formatted capacity is less. Portion of internal storage is reserved for preloaded content. ^(19a) 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. ⁽²⁰⁾ All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower. ⁽²²⁾ 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. Internet service required and not included. ⁽²⁶⁾ Bluetooth® is a trademark owned by its proprietor and used by Hewlett-Packard Company under license. ⁽²⁹⁾ Actual speeds may vary. ⁽³⁶⁾ DisplayHDR™ is the high-performance Monitor and Display Compliance Test Specification from VESA specifying HDR (High Dynamic Range) quality. HDR content required to view HDR images. See <http://displayhdr.org> for more details. ⁽³⁷⁾ 4K content required to view 4K images. ⁽⁴²⁾ USB Type-C® and USB-C® are trademarks of USB Implementers Forum. ⁽⁵⁰⁾ DisplayPort™ and the DisplayPort™ logo are trademarks owned by the Video Electronics Standards Association (VESA®) in the United States and other countries. ⁽⁵¹⁾ Thunderbolt is a trademark of Intel Corporation or its subsidiaries in the U.S. and/or other countries. ⁽⁵³⁾ Call 1.800.474.6836 or support.hp.com for more information on Care Packs available after standard warranty expires. After standard warranty expires, an incident fee may apply. ⁽⁵⁶⁾ For more information visit <http://www.hp.com/go/hpsupportassistant>. (Link will vary outside of the U.S.) HP Support Assistant is only available on Windows-based PCs. Internet connection required for updating and connecting to HP Support. ^(58b) Based on HP internal testing using CrystalDiskMark benchmarking software. Performance is sequentially faster (read only) compared to traditional 5,400 rpm HDD. ⁽⁶⁰⁾ Some features including voice supported Cortana, inking, and Continuum require Windows 10 and more advanced hardware. See www.windows.com. Apps and pen sold separately. ⁽⁶¹⁾ External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen. ⁽⁶²⁾ ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency. ⁽⁶³⁾ Weight and system dimensions may fluctuate due to configuration and manufacturing variances. ⁽⁶³⁾ 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. ⁽⁸⁷⁾ Wood grain pattern will vary by PC. ⁽⁸⁹⁾ Features may require software or other 3rd party applications to provide the described functionality. Internet service required and not included. ⁽⁹⁵⁾ 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. ⁽⁹⁹⁾ 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. HP shall not be liable for technical or editorial errors or omissions contained herein. All other trademarks are property of their respective owners.

Weight	• Unpackaged: 30.40 lb approx. ⁽⁷⁶⁾ • Packaged: 46.04 lb approx.
Warranty and support	• 1-year limited hardware warranty. Additional information available at www.support.hp.com • 1-year limited technical support for software and initial setup (from date of purchase) ⁽⁵³⁾

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. ⁽⁵⁶⁾
Books, music, photos and videos	• Audio by Bang & Olufsen: HP speakers, custom-tuned in collaboration with experts at Bang & Olufsen, bring entertainment to life with sound you can feel. • Netflix: Watch movies and TV on your PC with subscription. ⁽¹⁰⁾
Productivity and tools	• HP QuickDrop: Wirelessly transfer photos, videos, documents and more between your PC and mobile device. Easily snap a photo to share, send addresses for directions on-the-go, and view texts on your PC's screen. With HP QuickDrop, file transfers are easy, fast and reliable. ⁽¹⁰⁾ • 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. ⁽¹⁰⁾⁽²²⁾ • HP Connection Optimizer: Get consistent and reliable Wi-Fi performance with software that automatically switches between the most efficient wireless access points. ⁽¹⁰⁾
Security and protection	• McAfee LiveSafe™: Protect your operating system with a free 30-day McAfee LiveSafe™ trial. ⁽⁶⁾

Additional information

Product number	• 1K0A6AA#ABA
UPC code	• 195161014147
Country of origin	• China • Taiwan
Pallet information	• Dimensions: 47.24 in (L/D) 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

