

HP Pavilion All-in-One 27-xa0045z



Freedom and privacy at the center of your home

Bring your digital world to the center of your home with the strikingly designed Pavilion All-in-One PC. An integrated pop-up camera safeguards what matters most, so you can create, work, and play with confidence.

Product overview

- **Accomplish more:** All your activities become easier and faster than before with an AMD processor and advanced graphics.
- **Cinematic sound. Perfect picture.** Elevate every video, photo, and sound with a Full HD narrow bezel touchscreen and dual speakers custom tuned by experts at B&O.⁽³⁹⁾
- **A perfect blend of form and function:** Designed to be stunning in any setting with an ultraslim profile and aluminum stand for maximum durability.

Key specifications

- **Operating system:** Windows 10 Home⁽¹⁾
- **Processor:** AMD Ryzen™ 7 2800H Processor^(2a)
- **Integrated display:** 10-point touch-enabled 27" diagonal widescreen FHD IPS WLED-backlit micro edge display (1920 x 1080)⁽³⁹⁾
- **Memory:** 16 GB DDR4-2666 SDRAM memory⁽³⁾ (2 x 8 GB)
- **Internal Storage:**
 - 1 TB 7200RPM SATA hard drive^(4b)
 - 128 GB M.2 SATA Solid State Drive⁽¹⁵⁾
- **Graphics:** AMD Radeon™ RX Vega 11 Graphics⁽¹⁶⁾
- **Mouse and keyboard:** HP wireless keyboard with volume control and optical mouse
- **Webcam:** HP TrueVision FHD IR Camera⁽⁸⁹⁾
- **USB ports:** 5 (3 USB 3.1 Gen 1, 2 USB 3.1 Gen 1 Type-C™⁽⁴²⁾)
- **Connectivity:** HDMI Out, HDMI In
- **Wireless:** Wireless LAN 802.11 a/b/g/n/ac (2x2) and Bluetooth® 4.2 M.2^{(19a)(25)}
- **Warranty:** 1-year limited hardware warranty

Product features

- **Windows 10 Home:** Do great things with Windows Hello and Cortana.⁽¹⁾⁽⁶⁰⁾
- **A truly powerful audio experience:** HP Dual Speakers, HP Audio Boost, and tuning by B&O deliver a rich, authentic audio experience.
- **Immerse yourself in surround sound:** Amplify your streaming experience with immersive sound—the way the studio intended.⁽⁴⁸⁾
- **HP Privacy Camera:** The pop-up camera and microphone are only enabled when in use, securing your privacy.
- **HP TrueVision FHD IR camera:** Log in safely through Windows Hello and video chat with an 88-degree wide-angle field of view.⁽⁸⁹⁾
- **Narrow bezel display:** The narrow bezel optimizes your display by letting a larger screen fit into a smaller frame.
- **Full HD IPS touchscreen:** Control your entertainment right from the screen and get crystal-clear quality with 178° wide-viewing angles.⁽³⁹⁾
- **AMD Ryzen™ 7 Processor:** Tap into truly impressive desktop performance. A revolutionary new architecture that delivers exceptional multi-threaded processing and Vega graphics for intensive multimedia tasks.
- **AMD Radeon™ Vega graphics:** Thrill your visual senses with fast, powerful, and fluid graphics. Combine with the latest multimedia for incredible performance.
- **Rock-solid connections:** With the latest 802.11 a/c (2x2) Wi-Fi adapter and Bluetooth® 4.2, all your connections are rock solid and up to 6 times faster than 802.11n 1x1.^{(19)(19a)(25)}
- **Dual storage configuration:** 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.

Additional product features

- **HDMI out:** Transmit digital HD video and sound to an external display.
- **HDMI in:** Plug in and enjoy your favorite content on a bigger screen.
- **USB-C™:** Charge or connect a display from one reversible port with 5Gb/s signaling rate.⁽⁴²⁾
- **DDR4 RAM:** With its higher bandwidth, everything from multi-tasking to playing games gets a performance boost.
- **Dropbox cloud storage:** If you don't have it today, sign up to get 25 GB of Dropbox space free for 12 months with your HP device.⁽²²⁾
- **McAfee LiveSafe™:** Protect your operating system with a free 30-day McAfee LiveSafe™ trial.⁽⁸⁾

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 Pavilion All-in-One that meets strict energy-efficiency and helps reduce your carbon footprint.

- ENERGY STAR® certified⁽⁶²⁾
- EPEAT® Bronze registered^(27b)
- 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:** Complimentary Limited Technical Support, including initial setup support, is available from HP via multiple contact methods for 90 (ninety) days from date of purchase.

Support Options:

- **HP Support Assistant - HPSA:** Optimized to enhance your support experience. Help for your PC and HP printers whenever you need it.⁽⁵⁵⁾
- **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 Forum at hp.com/go/supportforum, 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.⁽⁹³⁾
- **Care Packs:** Extend protection beyond the standard limited warranty. For more info, visit www.hp.com/go/cpc or call toll-free at 1.877.232.8009.⁽⁸³⁾



Specifications

Operating system	• Windows 10 Home ⁽¹⁾
Processor	• AMD Ryzen™ 7 2800H Processor ^(2a) • Quad-Core
Processor speed	• 3.35 GHz ^(2a)
Memory	• 16 GB DDR4-2666 SDRAM memory ⁽³⁾ (2 x 8 GB)
Internal storage	• 1 TB 7200RPM SATA hard drive ^(4b) • 128 GB M.2 SATA Solid State Drive ⁽¹⁵⁾
Finish	• HP finish in sparkling black
Video graphics	• AMD Radeon™ RX Vega 11 Graphics ⁽¹⁶⁾
Network interface	• 10/100/1000 Base-T Network ⁽²⁹⁾
Wireless connectivity	• Wireless LAN 802.11 a/b/g/n/ac (2x2) and Bluetooth® 4.2 M.2 ^{(19a)(26)}
Sound	• B&O PLAY • Tuned stereo speakers
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: 3 USB 3.1 Gen 1, 2 USB 3.1 Gen 1 Type-C™ ⁽⁴²⁾
Total USB ports	• 5 (3 USB 3.1 Gen 1, 2 USB 3.1 Gen 1 Type-C™ ⁽⁴²⁾)
Mouse and keyboard	• HP wireless keyboard with volume control and optical mouse
Web camera	• HP TrueVision FHD IR Camera ⁽⁶⁹⁾
Microphone	• Dual array digital microphone
Integrated display	• 10-point touch-enabled 27" diagonal widescreen FHD IPS WLED-backlit micro edge display (1920 x 1080) ⁽⁵⁹⁾
Tilt/stand design	• Tilt Angle: -5° to 25° • Stand Type: Cantilever
Power supply	• 120 W external AC power adapter
Dimensions	• Unpackaged: 24.10 in (L) x 7.64 in (W) x 19.00 in (H) approx. • Packaged: 28.03 in (L) x 9.50 in (W) x 23.54 in (H) approx.
Weight	• Unpackaged: 16.83 lb approx. • Packaged: 26.11 lb approx.
Warranty and support	• 1-year limited hardware warranty. Additional information available at www.support.hp.com • 90 days limited technical support for software and initial setup (from date of purchase) ⁽⁵³⁾

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>. ^(2a) 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. AMD's numbering is not a measurement of clock speed. AMD, Radeon and Ryzen are trademarks of Advanced Micro Devices, Inc. ⁽³⁾ Up to 512MB of main system memory may be allocated to support video graphics. ^(4b) For storage drives, TB = 1 trillion bytes. Actual formatted capacity is less. Up to 35GB of drive is reserved for system recovery software. ⁽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 access required and not included. ⁽¹⁵⁾ Actual formatted capacity is less. Portion of internal storage is reserved for preloaded content. ⁽¹⁶⁾ Part of the total system memory (RAM) is used for graphics/video performance. System memory dedicated to graphics/video performance is not available for other use by other programs. ⁽¹⁸⁾ Based on HP internal testing with MP4 playing, clamshell mode, 3 meter distance from wireless access point. Actual results may vary. ^(19a) Wireless access point and Internet service required. Availability of public wireless access points limited. The specifications for the 802.11ac WLAN are draft specifications and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the PC to communicate with other 802.11ac WLAN devices. ⁽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 HP Inc. under license. ^(27a) EPEAT® Bronze registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country. Search keyword generator on HP's 3rd party option store for solar generator accessories at www.hp.com/go/options. ⁽²⁹⁾ Actual speeds may vary. ⁽³⁹⁾ Full High Definition (FHD) content is required to view FHD images. ⁽⁴²⁾ USB Type-C™ and USB-C™ are trademarks of USB Implementers Forum. ⁽⁴⁸⁾ Not intended for music playback or headphone use. ⁽⁵³⁾ Call 1.800.474.6836 or www.support.hp.com for more information on Care Packs available after 90 days. After 90 days, an incident fee may apply. ⁽⁵⁹⁾ For more information visit hp.com/go/hpsupportassistant. (Link will vary outside of the U.S.) HP Support Assistant is available on Windows-based PCs. Internet connection required for updating and connecting to HP Support. ⁽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. ⁽⁶⁴⁾ Internet service required and not included. Click the Office icon for more details on the Office product that is right for you. Optional features sold separately or as add-on features. ⁽⁷⁹⁾ Games may be limited during trial period. Full version games may be purchased at any time. Internet access required and not included. ⁽⁸³⁾ 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. ⁽⁸⁹⁾ Features may require software or other 3rd party applications to provide the described functionality. Internet service required and not included. ⁽⁹³⁾ 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. Actual product may vary from image shown on datasheet. © Copyright 2018 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. 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Software

Games	• Wild Tangent Games for HP pre-installed: Wild Tangent Games for HP pre-installed: Your HP computer comes with 2 free trial sessions of Big City Adventure, Delicious Emily's Moms vs. Dads, Jewel Match Royale 2: Rise of the King Collector's Edition, Snow White Solitaire: Legacy of Dwarves, The Love Boat, and Vacation Adventures: Park Ranger 6. Also includes unlimited play of Bubble Shooter, Mahjongg Candy, Mahjongg Solitaire, Solitaire with Themes, Solitaire, Poker & More, and Spider Solitaire. ⁽⁷⁹⁾
HP help and support	• HP Support Assistant: Help with your HP PC and printers whenever you need it. ⁽⁵⁶⁾ • HP JumpStart: When you boot up your PC for the first time, get a personal walkthrough during the setup and get an informative overview of your PC's features.
Books, music, photos and videos	• B&O PLAY: HP speakers, custom-tuned in collaboration with experts at Bang & Olufsen, deliver rich, authentic sound. • Immersive Audio: Amplify your streaming experience with immersive sound—the way the studio intended. ⁽⁴⁸⁾ • Netflix: Watch movies and TV online with subscription. ⁽¹⁰⁾
Productivity and tools	• Meet the new Office: The most powerful Office yet. Your content when and where you need it. ⁽⁶⁴⁾ • Dropbox: Keep your files safe, synced, and easy to share with Dropbox. If you don't have it today, sign up to get 25 GB of Dropbox space free for 12 months to save and access your photos, docs, and videos across all your devices. ⁽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	• X6C39AA#ABA
Ad embargo date	• 10/14/2018
UPC code	• 193015217560
Country of origin	• China
Tariff number	• 8471410000 (US AIO Touch)
Pallet information	• Dimensions: 47.24 in (L/D) x 39.37 in (W) x 75.95 in (H) approx. • Total weight: 498.00 lb approx. • Layers: 3 • Products per layer: 6 • Total products per pallet: 18

