

HP Pavilion 27 inch All-in-One Desktop PC 27-ca1244



For work and wow.

Stream your favorite shows on an amazing display with killer audio. And when it's time to work, it can handle that too.

Product overview

- **Ready for all your streaming:** Immerse yourself in your favorite streaming on the amazing display with audio by B&O.
- **Has it all so you can do it all:** The SMP pop-up web cam is great for video calls, and the low blue light filter keeps your eyes comfortable.
- **Because little things make a big difference:** Containing ocean-bound plastic and EPEAT® Gold & ENERGY STAR® ratings, make a difference, along with a great choice.

Key specifications

- **Operating system:** Windows 11 Home⁽¹⁾
- **Processor:** 12th Generation Intel® Core™ i7-12700T processor^(2b)
- **Integrated display:** 27" (68.6 cm) diagonal, touch, FHD (1920 x 1080), IPS, three-sided micro-edge, anti-glare, 300 nits, 72% NTSC⁽²⁰⁾⁽³⁹⁾
- **Memory:** 16 GB DDR4-3200 SDRAM memory⁽³⁾ (1 x 16 GB)
- **Internal Storage:** 1 TB PCIe® NVMe™ M.2 Solid State Drive^{(15)(58b)}
- **Graphics:** Intel® UHD Graphics 770⁽¹⁶⁾
- **Mouse and keyboard:** HP 710 black wireless keyboard and mouse combo
- **Camera:** HP True Vision 5 MP IR privacy camera with temporal noise reduction integrated dual array digital microphones, 1.4 µm camera sensor⁽⁸⁹⁾
- **USB ports:** Side I/O: 1 SuperSpeed USB Type-A 5Gbps signaling rate; Rear: 2 USB 2.0 Type-A, 1 SuperSpeed USB Type-C® 5Gbps signaling rate⁽⁴²⁾, 1 SuperSpeed USB Type-A 5Gbps signaling rate
- **Connectivity:** HDMI Out, HDMI In
- **Wireless:** 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® combo, MU-MIMO supported^{(19a)(26)}
- **Warranty:** 1-year limited hardware warranty

Product features

- **Get a fresh perspective with Windows 11:** From a rejuvenated Start menu, to new ways to connect to your favorite people, news, games, and content—Windows 11 is the place to think, express, and create in a natural way.⁽¹⁾
- **A dynamic processor that adapts to you for superior multi-tasking performance:** 12th Gen Intel® Core™ processor distributes performance where you need it the most — saving you time and increasing your ability to do the things you actually want.
- **Intel® UHD Graphics:** Smoothly stream 4K content and play your favorite games in 720p.⁽¹²⁾
- **Flicker-free:** Eliminates screen flickering for more comfortable viewing.⁽⁶¹⁾
- **Anti-glare panel:** Enjoy your favorite content with this anti-glare panel. Non-reflective and low gloss means you'll get less glare.
- **FHD touchscreen:** Intuitive touchscreen technology and the crystal-clear visuals of vibrant FHD.⁽³⁹⁾
- **PCIe® NVMe™ SSD storage:** Get up to 15x faster performance than a traditional hard drive.^(58b)
- **SuperSpeed USB Type-C® 5Gbps signaling data rate:** Plug in your external storage with this SuperSpeed USB Type-C® port, featuring 5Gbps signaling data rate. And it's reversible, so you never have to worry about plugging in upside down.⁽⁴²⁾⁽⁴³⁾
- **SuperSpeed USB Type-A 5Gbps signaling data rate:** Plug in your external storage with this SuperSpeed USB Type-A port, featuring 5Gbps signaling data rate.
- **DDR4 RAM:** With higher bandwidth, you get more of a boost in performance for improved multi-tasking.

Additional product features

- **802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® combo:** Stay connected to Wi-Fi and to Bluetooth® accessories with wireless technology.^{(19a)(26)}
- **MU-MIMO supported:** Pair with a MU-MIMO router for a smoother online experience in multi-device homes.
- **A truly powerful audio experience:** HP speakers, custom-tuned in collaboration with experts at B&O, deliver rich, authentic sound.
- **HP Privacy Camera:** The pop-up camera and microphone are only enabled when in use, securing your privacy.
- **HP True Vision 5MP IR camera:** The high quality camera lets you video chat with the entire family in stunning detail, at up to 2592x1944 resolution.⁽⁸⁹⁾

Designed with the planet in mind

HP is dedicated to driving progress toward a more sustainable future and making responsible choices for the environment and our customers. We are innovating new ways to reduce the amount of materials in our products and packaging—and to use more recycled materials in their design. Together we can make a difference.

- Built with the environment in mind, this HP Pavilion All-in-One is designed using sustainable materials like:
 - Includes ocean-bound plastic^(63d)
 - Includes post-consumer recycled plastic^(63f)
 - Includes water-based paint^(63g)
 - Includes recycled fabric in the speaker grill^(63h)
- HP's outer boxes and fiber cushions used in packaging are 100% sustainably sourced and recyclable.^(63e)
- ENERGY STAR® certified⁽⁶²⁾
- EPEAT® Gold registered⁽²⁷⁾

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⁾



Specifications

Operating system	• Windows 11 Home ⁽¹⁾
Processor	• 12th Generation Intel® Core™ i7-12700T processor ^(2b)
	• 12-core
Processor speed	• 1.40 GHz ^(2h)
Cache	• 25 MB Cache
Memory	• 16 GB DDR4-3200 SDRAM memory ⁽³⁾ (1 x 16 GB) (expandable to 32 GB (16GB x 2))
Internal storage	• 1 TB PCIe® NVMe™ M.2 Solid State Drive ^{(15)(58b)}
Finish	• HP finish in sparkling black
Video graphics	• Intel® UHD Graphics 770 ⁽¹⁶⁾
Network interface	• Integrated 10/100/1000 GbE LAN ⁽²⁹⁾
Wireless connectivity	• 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® combo, MU-MIMO supported ^{(19a)(26)}
Sound	• Audio by B&O
Memory slots	• 2 DIMM (SO-DIMM) (one available)
Expansion slots	• 2 M.2 (occupied)
External ports	• Headphone/Microphone Combo
	• Side I/O: 1 SuperSpeed USB Type-A 5Gbps signaling rate
	• Rear: 2 USB 2.0 Type-A, 1 SuperSpeed USB Type-C® 5Gbps signaling rate ⁽⁴²⁾ , 1 SuperSpeed USB Type-A 5Gbps signaling rate, HDMI Out, HDMI In
Mouse and keyboard	• HP 710 black wireless keyboard and mouse combo
Camera	• HP True Vision 5 MP IR privacy camera with temporal noise reduction integrated dual array digital microphones, 1.4 µm camera sensor ⁽⁶⁹⁾
Microphone	• Dual array digital microphone
Integrated display	• 27" (68.6 cm) diagonal, touch, FHD (1920 x 1080), IPS, three-sided micro-edge, anti-glare, 300 nits, 72% NTSC ⁽²⁰⁾⁽³⁹⁾
Tilt/stand design	• Tilt Angle: -5° to 20°
	• Stand Type: Cantilever
Accessories	• 15 W WPC Qi wireless charger
Power supply	• 150 W Smart AC power adapter
Dimensions	• Unpackaged: 24.18 in (W) x 8.20 in (D) x 18.56 in (H) approx.
	• Packaged: 33.46 in (L/D) x 11.61 in (W) x 27.76 in (H) approx.
Weight	• Unpackaged: 18.30 lb approx. ⁽⁷⁶⁾
	• Packaged: 31.55 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⁾

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 is automatically updated and enabled. High speed internet and Microsoft account required. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.windows.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. ^(2h) 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. ⁽⁸⁾ 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. ⁽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⁾ Duet for HP is preinstalled on this PC. Unlock use on secondary devices by downloading the app from the iOS or Google Play store and connect to your PC. Pen/touch input from a secondary device requires upgrade to the Duet Pro version, available for purchase through the Duet for HP app. ^(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 100 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 dropbox.com. ⁽²³⁾ HP BIOS Protection works with Windows 11 that ships with your PC. ⁽²⁶⁾ Bluetooth® is a trademark owned by its proprietor and used by HP Inc. under license. ⁽²⁷⁾ Based on U.S. EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. EPEAT® status varies by country. Visit www.epeat.net for more information. ⁽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. ⁽⁴³⁾ Actual throughput may vary. ⁽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 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. ⁽⁶¹⁾ The Flicker-free capability eliminates screen flickering through integrating DC-dimming LED backlights. ⁽⁶²⁾ ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency. ^(63a) Percentage of ocean-bound plastic contained in each component varies by product. ^(63b) 100% outer box/corrugate cushion packaging made from sustainably sourced certified and recycled fibers. Fiber cushions made from 100% recycled wood fiber and organic material. Excludes plastic bags and plastic foam sheeting. ^(63c) Percentage of post-consumer recycled plastic varies by product. Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 standard. ^(63d) Percentage of water-based paint varies by product. ^(63h) Percentage of recycled fabric varies by product. ⁽⁷⁶⁾ Weight and system dimensions may fluctuate due to configuration and manufacturing variances. ^(88a) Offer available worldwide (excluding China and embargoed countries or other countries identified as restricted by applicable law or regulation) to new and existing subscribers who are 18+. Click on the Adobe icon in the start menu to redeem a 1-month free trial membership for select Adobe software. The software is tied to the device and is not transferrable. If you would like to sign up for an auto-renewing subscription, you can provide your payment method at sign-up. By adding a payment method, your subscription will automatically renew at the then current rate on your renewal date until you cancel. If you cancel before the end of the one-month free trial, you won't be charged. You can cancel your subscription anytime via your Adobe Account page or by contacting Customer Support. Please see current prices for Adobe products available in this offer. Offer not available to Education, OEM, or volume licensing customers. Subject to availability where the recipient resides. Additional terms and conditions may apply. VOID WHERE PROHIBITED OR RESTRICTED BY LAW. ⁽⁸⁹⁾ Features may require software or other 3rd party applications to provide the described functionality. Internet service required and not included. Actual product may vary from image shown on datasheet. © Copyright 2022 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. Microsoft and Windows are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries. All other trademarks are property of their respective owners. 01/28/2022_r1 jf

Software

Help and support	• myHP: myHP provides a simple setup and registration experience that welcomes you to your new HP PC. Customize, optimize, and secure your device with tips and tricks and easy-to-access settings, and receive helpful messages and information to keep things running smoothly.
	• HP Support Assistant: Help with your HP PC and printers whenever you need it. ⁽⁵⁶⁾
Security and protection	• HP BIOS Protection: Get peace of mind knowing your PC BIOS is protected. HP BIOS Protection automatically checks its health and recovers itself. ⁽²³⁾
Partner offers	• McAfee LiveSafe™: Protect your operating system with a free 30-day McAfee LiveSafe™ trial. ⁽⁸⁾
	• Adobe Offer: Get a complimentary 1 month trial of the best creativity and productivity apps from Adobe with the purchase of a computer from HP. Create anything you can imagine – photos, videos, graphics, webpages, PDFs, and more. Get started with the app that best fits your need. ^(88a)
	• Dropbox cloud storage: Store and synchronize your content online with Dropbox. Get 100GB of storage for one year to access, manage, and share your photos, music, and files from anywhere with Internet access. ⁽¹⁰⁾⁽²²⁾
System performance	• HP Connection Optimizer: Get consistent and reliable Wi-Fi performance with software that automatically switches between the most efficient wireless access points. ⁽¹⁰⁾
Work and lifestyle	• HP Enhanced Lighting: Easily enhance brightness, color and lighting effects to look your best during video calls with integrated HP Enhanced Lighting app.
	• HP Palette: HP Palette brings all your favorite apps into one place.
	• 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⁾
	• Duet® for HP: Use your tablet, phone, or another PC as a secondary display to expand your working space. ⁽¹⁸⁾
Gaming and entertainment	• OMEN Gaming Hub: Your one place for everything to make your gaming experience better. From software enhancements to hardware control, and live services, OMEN Gaming Hub elevates play in an easy and simple way.

Additional information

Product number	• 577B6AA#ABA
Ad embargo date	• 05/01/2022
UPC code	• 196337502611
Country of origin	• China
	• Taiwan
Pallet information	• Dimensions: 47.24 in (L/D) x 39.37 in (W) x 88.50 in (H) approx.
	• Total weight: 409.40 lb approx.
	• Layers: 3
	• Products per layer: 4
	• Total products per pallet: 12

