

HP ENVY 17.3 inch Laptop PC 17-cr1010nr



Power to create. Freedom to move.

A laptop with enough power and speed to keep up with you. Nobody likes it when technology gets in the way of a good idea or a tight crunch. What we need are the tools to create without delay.

Product overview

- Create seamlessly:** Quickly transfer any file almost any device to your PC without cables, clouds, thumb drives, or hassle with HP QuickDrop. While Duet® for HP opens up your workspace and workflow by connecting your tablet, phone, or another PC as a second display.
- Your ideas deserve the best:** With all the power and tools you need to realize your most creative ideas. With the 17.3-inch color calibrated display, you get accurate, brilliant colors. It has the latest Intel® processor so it can handle what you throw at it.
- Show your best self:** When you go live, you want to look your best. So turn it on for the 5MP camera with Auto Frame, and AI noise reduction. It also features a physical camera shutter for privacy, because when you're on, you're on, and when you're not, you're not.
- Because little things make a big difference:** Crafted from ocean-bound plastic and recycled aluminum, this laptop is EPEAT® Gold Certified and ENERGY STAR® rated so you can feel like you made a difference, along with a great choice.

Key specifications

- Operating system:** Windows 11 Home⁽¹⁾
- Processor:** 13th Generation Intel® Core™ i7-13700H^(2b)
- Display:** 17.3-inch diagonal, FHD (1920 x 1080), multitouch-enabled, IPS, edge-to-edge glass, micro-edge⁽³⁾
- Memory:** 12 GB DDR4-3200 MHz RAM (1 x 4 GB, 1 x 8 GB)
- Internal storage:** 1 TB PCIe® NVMe™ M.2 SSD^{(15)(58b)}
- Graphics:** Intel® Iris® Xe Graphics^{(14)(14a)}
- Sound:** Audio by Bang & Olufsen with dual speakers
- Battery life:**
 - Up to 7 hours and 30 minutes (mixed usage)^(85a)
 - Up to 11 hours and 45 minutes (video playback)⁽⁷⁵⁾
 - Up to 10 hours and 30 minutes (wireless streaming)⁽⁸⁰⁾
- Wireless:** Wi-Fi 6E (2x2)^(19a) and Bluetooth® 5.3 wireless card⁽²⁵⁾⁽²⁶⁾ (supporting gigabit data rate)^(7e)
- Camera:** HP True Vision 5MP IR camera with camera shutter, temporal noise reduction and integrated dual array digital microphones^{(89)(89a)}
- Product weight:** 5.50 lb⁽⁷⁶⁾
- Keyboard:** Full-size, backlit, moonstone grey keyboard with numeric keypad

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⁾
- Extend beyond performance to let your PC do even more at once:** Offering more than just a performance score. This 13th Gen Intel® Core™ processor advances real-world computing and delivers more ultra-efficient multi-tasking.
- Intel® Iris® Xe graphics:** Impressive performance for creating, gaming, and entertainment. A new level of graphics performance and crisp, stunning visuals – with the convenience of a thin & light laptop.
- Delta E <2 color accuracy:** Revel in brighter moments with the ultimate color accuracy. Delta E <2 improves color accuracy to give you the truest, lifelike imagery with no distortion for all your creative needs.
- FHD IPS touchscreen:** Always see your content at its best with 178-degree wide-viewing angles, FHD and a vibrant picture. And with touchscreen technology, you can control your PC right from the screen.⁽³⁹⁾
- HP Fast Charge:** Go from 0 to 50% charge in approximately 30 minutes.⁽⁷²⁾
- Effortlessly connected:** Enjoy faster speeds, improved performance, greater capacity and lower latencies than earlier iterations with Wi-Fi 6E and a Bluetooth® 5.3 wireless card.⁽¹⁹⁾⁽²⁵⁾⁽²⁶⁾
- All-in-One Keyboard:** Control your privacy, security and multimedia hotkeys in one area.
- HP True Vision 5MP IR camera with camera shutter:** Video chat with peace of mind with a privacy camera you can close when not in use. The infrared sensor gives you the added security of Windows Hello for a safer way to log in to your computer.⁽⁸⁹⁾
- Thunderbolt™ 4 with USB Type-C®:** The latest Thunderbolt™ solution lets you power your device or connect up to two 4K displays with a single cable and blazing 40Gbps signaling rate.⁽¹²⁾⁽⁴³⁾
- PCIe® NVMe™ SSD storage:** Get up to 15x faster performance than a traditional hard drive.^(58b)
- An exceptionally rich audio experience:** HP Dual Speakers, custom-tuned by experts at Bang & Olufsen, awaken your senses with PC audio perfection.



AUDIO BY
BANG & OLUFSEN

Specifications

Operating system	▪ Windows 11 Home ⁽¹⁾
Processor	▪ 13th Generation Intel® Core™ i7-13700H ⁽²⁾ ▪ 14-Core
Processor speed	▪ Up to 5.0 GHz with Intel® Turbo Boost Technology ⁽²⁾
Processor cache	▪ 24 MB L3 cache
Memory	▪ 12 GB DDR4-3200 MHz RAM (1 x 4 GB, 1 x 8 GB)
Accessible memory slots	▪ Memory slot not user accessible
Video graphics	▪ Intel® Iris® Xe Graphics ^{(1)(4)(4a)}
Internal storage	▪ 1 TB PCIe® NVMe™ M.2 SSD ^{(1)(5)(5b)}
Finish and features	▪ Top cover: mineral silver aluminum with a sandblasted finish ▪ Keyboard deck: mineral silver aluminum with a sandblasted finish
Camera	▪ HP True Vision 5MP IR camera with camera shutter, temporal noise reduction and integrated dual array digital microphones ^{(9)(9)(9a)}
Display	▪ 17.3-inch diagonal, FHD (1920 x 1080), multitouch-enabled, IPS, edge-to-edge glass, micro-edge, 300 nits, 100% sRGB ⁽²⁾⁽²⁾⁽⁹⁾
Screen to body ratio	▪ 86.2% ⁽⁴⁾
Network card	▪ Integrated 10/100/1000 GbE LAN ⁽²⁹⁾
Wireless connectivity	▪ Wi-Fi 6E (2x2) ⁽¹⁾⁽⁹⁾ and Bluetooth® 5.3 wireless card ⁽²⁾⁽⁹⁾⁽²⁶⁾ (supporting gigabit data rate) ⁽⁷⁾
Digital media	▪ 1 Multi-format SD media card reader
Sound	▪ Audio by Bang & Olufsen with dual speakers
Integrated keyboard	▪ Full-size, backlit, moonstone grey keyboard with numeric keypad ▪ HP Imagepad
External notebook ports	▪ 2 Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge) ⁽⁴⁾⁽⁹⁾⁽⁹⁾⁽¹⁾⁽⁶⁾⁽⁴⁾ ▪ 1 USB Type-A 10Gbps signaling rate (HP Sleep and Charge) ⁽⁶⁾ ▪ 2 USB Type-A 10Gbps signaling rate ▪ 1 Headphone/microphone combo ▪ 1 HDMI 2.1
Dimensions	▪ Unpackaged: 15.68 in (W) x 10.2 in (D) x 0.77 in (H) ▪ Packaged: 21.73 in (L) x 2.72 in (W) x 13.58 in (H)
Weight	▪ Unpackaged: 5.50 lb ⁽⁷⁾ ▪ Packaged: 8.16 lb
Security	▪ All-in-One Keyboard: Support power button, HP hotkey, Camera Shutter key, and mic mute key, in keyboard area.
Power	▪ 4-cell, 55 Wh Li-ion polymer battery ⁽²¹⁾ ▪ 90 W USB Type-C® power adapter ⁽⁴²⁾
Battery life	▪ Up to 7 hours and 30 minutes (mixed usage) ^(5a) ▪ Up to 11 hours and 45 minutes (video playback) ⁽⁷⁵⁾ ▪ Up to 10 hours and 30 minutes (wireless streaming) ⁽⁸⁰⁾
Warranty and support	▪ 1-year limited hardware warranty. Additional information available at www.support.hp.com ⁽⁹³⁾ ▪ 1-year limited technical support for software and initial setup (from date of purchase) ⁽⁹³⁾

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: Included with your computer, this free self-help tool makes it easier than ever to get help with your HP PC and printers. ⁽⁹⁶⁾
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	▪ 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. ^(98a) ▪ 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. ^(98c) ▪ McAfee LiveSafe™: Protect your operating system with a free 30-day McAfee LiveSafe™ trial. ⁽¹⁰⁾
System performance	▪ HP Display Control – Auto Color: HP Display Control lets you choose a color space preset for true color accuracy when web browsing, editing photos or watching videos. The new Auto Color setting will select the best color space automatically based on the application you're using. ▪ HP Connection Optimizer: Get consistent and reliable Wi-Fi performance with software that automatically switches between the most efficient wireless access points. ⁽¹⁰⁾ ▪ HP Command Center: This simple utility puts you in control, allowing you to optimize and customize performance while supporting modes help to maximize your PC's efficiency.
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 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. ^(98b) ▪ Due® for HP: Use your tablet, phone, or another PC as a secondary display to expand your working space. ⁽¹⁰⁾ ▪ AI Noise Removal: Artificial intelligence technology automatically removes background noise for clearer than ever video chats, audio calls, and recordings.
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	▪ 7F427UA#ABA
Ad embargo date	▪ 06/18/2023
UPC Code	▪ 197192242285
Country of origin	▪ China
Pallet information	▪ Dimensions: 47.24 in (L) x 39.37 in (W) x 48.84 in (H) ▪ Total weight: 673.6 lb ▪ Layers: 3 ▪ Products per layer: 26
Battery regulatory data	▪ Transportation or storage regulations: Y ▪ UNs and proper shipping name: UN3481 - Lithium ion batteries packed with equipment ▪ Number of batteries: 1 ▪ Primary battery regulated material: 240g ▪ Primary battery watt hours: 55 ▪ Applicable CPSC regulations: N

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>. ⁽²⁾ 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, Iris Xe, Intel logo and the Intel Inside logo are trademarks of Intel Corporation in the U.S. and other countries. ⁽²⁾ Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See intel.com/technology/turboboost for more information. GHz refers to internal clock speed of the processor. Other factors besides clock speed may impact system and application performance. ⁽³⁾ Wi-Fi 6E is designed to support gigabit data rate when transferring files between two devices connected to the same router. Requires a wireless router, sold separately. ⁽⁴⁾ 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. ⁽⁵⁾ Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. ⁽¹²⁾ Graphics output may be limited based on the maximum resolution of the display. ⁽¹⁴⁾ Shared video memory (UMA) uses part of the total system memory for video performance. System memory dedicated to video performance is not available for other use by other programs. ^(14a) Intel® Iris® Xe Graphics capabilities require system to be configured with Intel® Core™ i5 or i7 processors and dual channel memory. Intel® Iris® Xe Graphics with Intel® Core™ i5 or i7 processors and single channel memory will only function as Intel® UHD Graphics. ⁽¹⁵⁾ Actual formatted capacity is less. Portion of internal storage is reserved for preloaded content. ⁽¹⁶⁾ 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. ^(19c) Wi-Fi 6E requires a Wi-Fi 6E router, sold separately, to function in the 6GHz band. Availability of public wireless access points limited. Wi-Fi 6E is backwards compatible with prior 802.11 specs. And available in countries where Wi-Fi 6E is supported. ⁽²⁰⁾ All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower. ⁽²¹⁾ Actual battery Watt-hours (Wh) will vary from design capacity. Battery capacity will naturally decrease with shelf life, time, usage, environment, temperature, system configuration, loaded apps, features, power management settings and other factors. ⁽²²⁾ 100GB of free online storage for one year from date of registration. For complete details and terms of use, including cancellation policies, visit the website at dropbox.com. Internet service required and not included. ⁽²³⁾ HP BIOS Protection works with Windows 11 that ships with your PC. ⁽²⁵⁾ Bluetooth® 5.3 operation requires Microsoft OS/Chrome OS support. Until Microsoft OS/Chrome OS is available, Bluetooth® 5.3 will function as Bluetooth® 5.2 or lower. ⁽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. ⁽⁴⁰⁾ Percent of active plus nonactive viewing area to active viewing area plus border. Measure with lid vertical to the desk. ⁽⁴²⁾ USB Type-C® and USB-C® are trademarks of USB Implementers Forum. ⁽⁴³⁾ Actual throughput may vary. ⁽⁴⁵⁾ 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 hp.com/go/htpsupportassistant. (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. ⁽⁵⁸⁾ Based on HP internal testing using CrystalDiskMark benchmarking software. Performance is sequentially faster (read only) compared to traditional 5,400 RPM HDD. ⁽⁶²⁾ ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency. ^(63c) Percentage of ocean-bound plastic contained in each component varies by product. ^(63d) Percentage of recycled metal varies by product. ^(63a) 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. ⁽⁶³⁾ Keyboard components contain post-consumer recycled plastic. Percentage of post consumer recycled contained in each component varies by product. ⁽⁶⁴⁾ For best results with HP Sleep and Charge, use a USB charging protocol standard cable or cable adapter with an external device. ⁽⁷²⁾ Recharges your battery up to 50% within 30 minutes when the system is off (using "shut down" command). Recommended for use with the HP adapter provided with the notebook, not recommended with a smaller capacity battery charger. After charging has reached 50% capacity, charging speed will return to normal speed. Charging time may vary +/-10% due to System tolerance. ⁽⁷⁵⁾ Battery life tested by HP using continuous FHD video playback, 1080p (1920x1080) resolution, 200 nits brightness, system audio level as image default, player audio level at 100%, played full-screen from local storage, headphone attached or through speaker (if no audio jack port), wireless on. Actual battery life will vary depending on configuration and maximum capacity will naturally decrease with time and usage. ⁽⁷⁶⁾ Weight and system dimensions may fluctuate due to configuration and manufacturing variances. ⁽⁸⁰⁾ Battery life tested by HP using continuous Netflix video playback, Microsoft Edge Browser, 200 nits brightness, system audio level as image default, headphone attached or through speaker (if no audio jack port), played full-screen, wireless on. Actual battery life will vary depending on configuration and maximum capacity will naturally decrease with time and usage. ⁽⁸¹⁾ HP QuickDrop is preinstalled on this PC. Unlock use on secondary devices by downloading the app from iOS or Google Play store and connect to your PC. Limited to sharing to one device at a time. Must be linked to an HP PC. Not applicable to sharing content between two mobile devices. ⁽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 hp.com/go/carepack-services. ^(85a) Windows MobileMark 25 battery life will vary depending on various factors including product model, configuration, loaded applications, features, use, wireless functionality, and power management settings. The maximum capacity of the battery will naturally decrease with time and usage. See bapco.com/products/mobilemark-25 for additional details. ^(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 transferable. 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. ⁽⁸⁹⁾ Camera resolution refers to the image sensor active pixels. The actual image capture pixels depend on the app and/or aspect ratio selected. ⁽⁸⁹⁾ 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 2023 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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