

HP Envy Laptop 17-cw0710nz



A laptop that makes every experience an experience

The HP Envy Laptop PC levels up your work or downtime in every possible way, with a bigger, bolder, picture-perfect display, amazing audio, and advanced collaboration technology—all backed by a design with recycled materials, serious power, plus all the apps you need for an unstoppable you.



*Product image may differ from actual product



Get your hustle on with the power to do it all
Bring power to all you do with the latest Intel® Processor¹, plenty of storage, and built-in security.



Next-level screen time
Enjoy the best seat in the house with a vibrant display and audio by Bang & Olufsen for a cinematic experience.



Do more, use less, feel good
Do the planet a solid with a responsibly designed laptop made using recycled metals and plastics².



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Featuring

Get a fresh perspective

Windows 11 provides a calm and creative space where you can pursue your passions through a fresh experience. 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.³

Extend beyond performance to let your PC do even more at once

Going beyond just raw processor speed. With 13th Gen Intel® Core™ Processors, Intel advanced its hybrid design and made it even better. A faster performance core means getting dedicated tasks done faster and easier. More efficiency cores mean better multi-tasking. The same great graphics and best in-class connectivity means a fully immersive display and ultra-responsive wired and wireless connections.¹

NVIDIA® GeForce RTX™ 3050

Step up to the power of 2nd generation RTX with GeForce RTX 3050 laptops. They are powered by the award-winning NVIDIA Ampere architecture, featuring new RT Cores, Tensor Cores, and streaming multiprocessors to enable ray-traced graphics and cutting-edge AI features such as NVIDIA DLSS. GeForce laptops with new 3rd gen Max-Q technologies use AI and new system optimizations to create more efficient gaming laptops in new and innovative form factors.⁴

FHD IPS display

Enjoy crystal-clear images from any angle. With 178° wide-viewing angles and a vibrant 1920 x 1080 resolution, you'll always have a great view of your favorite content.⁵

100% sRGB

Showcase your creations in all their colors on the 100% sRGB display for maximum color broadness and accuracy.

Flicker-free

Using DC Dimming technology that controls brightness by adjusting direct current rather than cycling the backlight, we can eliminate screen flickering for more comfortable viewing.⁶

HP QuickDrop

Wirelessly transfer photos, videos, documents and more between your PC and mobile device.

Ocean-bound plastic

Built with the environment in mind, our laptop design includes sustainable materials like ocean-bound plastic in the speaker enclosure and recycled aluminum.⁷

Sustainable design

Because little things make a big difference, this product includes sustainable materials like ocean-bound plastic and post-consumer recycled plastic in the design.⁸

HP Fast Charge

When your laptop is low on power, no one has time to wait hours to recharge. Power down your device and go from 0 to 50% charge in approximately 30 minutes.⁹

Wi-Fi 6E

Enjoy faster speeds, improved performance, greater capacity and lower latencies than earlier iterations with Wi-Fi 6E technology.¹⁰

Microphone Mute

Enjoy greater peace of mind and the convenience of a dedicated microphone mute button that you can easily activate and know it's on or off with an LED indicator light.

Camera Shutter

No more unsightly tape and tacky gum to hide your private moments. Ensure your privacy and security with a visible, physical shutter that turns off your PC's camera when not in use.

Thunderbolt™ 4 with USB4™ 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.

McAfee® LiveSafe™

Protect your operating system with a free 30-day McAfee® LiveSafe™ subscription.¹¹

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.¹²

Make the most out of your 365.

Bring your ideas to life. Your creativity now gets a boost with Microsoft 365. Office - Word, Excel, and Power Point - now includes smart assistance features that help make your writing more readable, your data clearer and your presentations more visually powerful. Try Microsoft 365 for free. 1-month trial for new Microsoft 365 customers.¹³

PCIe NVMe™ M.2 SSD storage

Boot up in seconds with lightning fast speed with up to 512 GB PCIe NVMe™ M.2 SSD storage.

An exceptionally rich audio experience

With HP Dual Speakers, HP Audio Boost, and custom tuning by the experts at Bang & Olufsen, entertainment comes to life with sound you can feel. Awaken your senses with PC audio perfection.

Dual channel memory

With dual channel technology, two channels work simultaneously to double the communication speed between the memory controller and the RAM increasing system performance.

All-metal chassis

See and feel a heightened sense of craftsmanship with an all-metal angular chassis design, polished accents, and high-quality materials built to last.

Connected Modern Standby

Stay up-to-date on your email, calendar notifications, and more—even when you're not using your PC. Your PC stays connected for instant updates.

SD and Micro SD card reader

Simply insert an SD or Micro SD card and increase your device's storage for more movies, photos, and music, or easily access any content you have stored on an existing card.

HP Imagepad with multi-touch gesture

This true multi-touch touchpad supports four finger gestures and lets you scroll, zoom, and navigate with a simple touch.

Full-sized keyboard

The full-sized keyboard allows you to work anywhere, with 1.5mm key travel for typing comfort and total productivity.

Dropbox cloud storage

Store and synchronize your content online with Dropbox. Get 25 GB of storage for one year to access, manage, and share your photos, music, and files from anywhere with Internet access.¹⁴

ExpressVPN

Hide your IP address and encrypt your network data so no one can see what you're doing. Reduce the threat of hacking even when browsing on public Wi-Fi.¹⁵

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Specifications

Performance

Operating system

Windows 11 Home

Processor

Intel® Core™ i7-1355U (up to 5.0 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 10 cores, 12 threads)^{6,7}

Processor family: 13th Generation Intel® Core™ i7 processor

Chipset

Intel® integrated SoC

Memory

16 GB DDR4-3200 MHz RAM (2 x 8 GB)

Transfer rates up to 3200 MT/s.

Number of User-accessible Memory Slots: 0

Storage

512 GB PCIe® NVMe™ M.2 SSD

25 GB Dropbox storage for 12 months¹

Graphics

Discrete: NVIDIA® GeForce RTX™ 3050 (4 GB GDDR6 dedicated) ;

Powered by NVIDIA Ampere architecture

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.

Audio

Audio by Bang & Olufsen; Dual speakers; HP Audio Boost

Display

43.9 cm (17.3") diagonal, FHD (1920 x 1080), IPS, edge-to-edge glass, micro-edge, 300 nits, 100% sRGB¹⁷

Screen-to-body ratio

86.11%¹⁸

Aspect ratio

16:9

Power

90 W USB Type-C® power adapter;

Battery type

4-cell, 55 Wh Li-ion polymer²³

Battery and Power

Up to 8 hours and 15 minutes³;

Supports battery fast charge: approximately 50% in 30 minutes⁵

Maximum battery life video playback

Up to 11 hours and 45 minutes¹⁰

Connectivity

Wireless connectivity

Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.3 wireless card (supporting gigabit data rate)^{11,12}

Modern Standby (Connected); HP Dynamic Range Technology; HP Extended Range Wireless LAN

Ports

2 Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge); 1 USB Type-A 10Gbps signaling rate (HP Sleep and Charge); 2 USB Type-A 10Gbps signaling rate; 1 HDMI 2.1; 1 headphone/microphone combo¹⁹

Expansion slots

1 multi-format SD media card reader

Webcam

HP Wide Vision 5MP IR camera with temporal noise reduction and integrated dual array digital microphones

Design

Product color

Natural silver aluminum cover and keyboard frame, natural silver base

Sandblasted cover and keyboard frame, polished base finish

Software

HP apps

HP Support Assistant; HP Connection Optimizer; HP Command Center; HP QuickDrop; MyHP; HP Enhanced Lighting

Software

Duet® for HP (30 day free trial); ExpressVPN (30 day free trial); LastPass Premium (30 day free trial)^{22,36};

1 month trial for new Microsoft 365 customers²⁴

Service & support

McAfee LiveSafe™; 1-month Adobe free trial offer^{2,25}

Additional information

Part Number

P/N: 801L8EA #UUZ

UPC/EAN code: 197497157710

Ecolabels

EPEAT® Gold registered²⁷

ENERGY STAR® certified

Sustainable impact specifications:

Ocean-bound plastic in base, bezel and speaker enclosure(s); Recycled metal in cover and keyboard frame; Keyboard keycaps and scissors contain post-consumer recycled plastic^{39,40,41}

Weight

2.49 kg;

Packed: 3.99 kg

Weight Note: Weight varies by configuration

Dimensions

39.6 x 25.86 x 1.96 cm;

Packed: 6.9 x 55.2 x 34.5 cm

Dimension Note: Dimensions vary by configuration

Manufacturer Warranty

2 year (2/2/0) limited warranty includes 2 years of parts and labor. No on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.

Keyboard

Full-size, backlit, soft grey keyboard with numeric keypad

HP Imagepad

Security management

Mic mute key; Camera privacy shutter; Trusted Platform Module (Firmware TPM) support

Sensors

Accelerometer; IR thermal sensor

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Warranty services*



3-year pickup and return
UM946E

Key Selling Points Footnotes

- ¹ 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 is not a measurement of higher performance.
- ² Laptops manufactured with recycled ocean-bound plastic material in product speaker enclosures and bezel, recycled aluminum material in product cover and post-consumer recycled plastic in the keyboard caps. Percent of recycled materials contained in each component varies by product.

Feature Messaging Footnotes

- ³ 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>.
- ⁴ ©2023 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. Check with the PC manufacturer about support for specific NVIDIA technologies.
- ⁵ Full high-definition (FHD) content is required to view FHD images.
- ⁶ The flicker-free capability eliminates screen flickering through integrating DC-dimming LED backlights.
- ⁷ Percentage of ocean-bound plastic contained in each component varies by product. Laptops manufactured with recycled aluminum material in product cover. Percent of recycled aluminum varies by product.
- ⁸ Percentage of ocean-bound plastic and post-consumer recycled plastic varies by product. Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 standard.
- ⁹ 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. Available on select HP products. See <http://store.hp.com> for a full list of product features.
- ¹⁰ Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 6E (802.11ax) is backwards compatible with prior 802.11 specs. Wi-Fi 6E is part of Wi-Fi Certified. Only available in countries where Wi-Fi 6E (Tri-band - 2.4Ghz/5Ghz/6Ghz) is supported. 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. The specifications for Wi-Fi 6E are draft and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the notebook to communicate with other Wi-Fi 6E devices.
- ¹¹ Internet service required and not included. Subscription required after 30 days.
- ¹² 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.
- ¹³ 1-month free trial for new Microsoft® Office 365 customers. Credit card required and will not be billed until end of trial period. You can cancel anytime during trial period. Internet access is required and not included. See www.microsoft.com for full details.
- ¹⁴ 25 GB 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 www.dropbox.com. Internet service required and not included.
- ¹⁵ Free 30-day trial, switch to a paid service at the end of the trial period. Each paid subscription grants you one (1) license to use on three (3) different devices at any given time. See www.expressvpn.com for more details.
- ### Technical Specifications Footnotes
- ¹ 25 GB of free Dropbox storage for 12 months from date of registration. For complete details and terms of use, including cancellation policies, visit the Dropbox website at <https://www.dropbox.com/help/space/hp-promotion>. Internet service required and not included.
- ² Free 30 day subscription of McAfee LiveSafe service included. Internet access required and not included. Subscription required after expiration.
- ³ Windows MobileMark 18 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 <https://bapco.com/products/mobilemark-2018/> for additional details.
- ⁵ 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. Available on select HP products. See <http://store.hp.com> for a full list of product features.
- ⁶ 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.
- ⁷ Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See <http://www.intel.com/technology/turboboost/> for more information.
- ¹⁰ Battery life tested by HP using continuous FHD video playback, 1080p (1920x1080) resolution, 150 nits brightness, system audio level at 17% 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 but not connected. Actual battery life will vary depending on configuration and maximum capacity will naturally decrease with time and usage.
- ¹¹ 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.
- ¹² 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.
- ¹⁷ All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.
- ¹⁸ Percent of active plus nonactive viewing area to active viewing area plus border. Measure with lid vertical to the desk.
- ¹⁹ For best results with HP Sleep and Charge, use a USB charging protocol standard cable or cable adapter with an external device.
- ²³ 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.
- ²⁴ Must activate within 180 days of Windows activation.
- ²⁵ 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 Spark and the remaining 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.
- 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.
- ³⁶ 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.
- ³⁹ Percentage of ocean-bound plastic contained in each component varies by product.
- ⁴⁰ Laptops manufactured with recycled metal material in product cover. Percentage of recycled metal varies by product.
- ⁴¹ Keyboard components contain post-consumer recycled plastic. Percentage of post consumer recycled contained in each component varies by product.
- ⁴⁵ The Flicker-free capability is eliminating screen flickering through integrating DC-dimming LED backlights or LED emissions. OLED panel is functional with DC-DIMMING when above 100nits.

