

# HP Envy x360 2-in-1 Laptop 16-ac0550nz

## Enjoy seamless multitasking with an AI-powered 2-in-1 PC

Power your passion with the HP Envy x360 14" 2-in-1 Laptop PC featuring AI tech and the latest Intel® processor<sup>1</sup> to optimize processing speed and battery life for smooth multitasking. Plus its 2-in-1 design lets you switch from laptop to tablet. Made with recycled materials and plastic-free packaging, this laptop PC is good for you and the planet.



\*Product image may differ from actual product



### Elevate your productivity with built-in AI

Conquer your workday with built-in AI processing power for optimized battery life and seamless multitasking.



### The right tools for every task

Seamlessly connect your smartphone to transfer files and enjoy crystal-clear connections with the 5MP camera.

16:10

### Form meets function

Go from laptop to tablet and back again, plus enjoy plenty of screen space thanks to a 16:10 screen ratio.

## Sustainability in action

### Built with our shared future in mind

Contains recycled metals<sup>2</sup> and plastics<sup>3</sup> and EPEAT® Gold with Climate+<sup>4</sup> and ENERGY STAR® Certification.



with



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## Featuring

### Get a fresh perspective

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.<sup>5</sup>

### Exceptional experience, anywhere

The Intel® Evo™ platform brings together the perfect combination of performance, responsiveness, battery life and stunning visuals in a new class of laptops. These designs are verified by Intel for an exceptional laptop experience, anywhere.<sup>6</sup>

### Micro Edge display

By squeezing a larger screen into a smaller frame, this ultra-thin, barely visible bezel revolutionizes your display's appearance with a beautifully efficient design.

### OLED display

With display technology that lights each pixel separately, you'll get deeper blacks for richer contrast, enhanced color depth, and more power efficiency than traditional LED screens.

### Eyesafe® Certified Display

Eyesafe® certified displays meet TÜV low blue light requirements and Eyesafe® standards for protecting your eyes from harmful blue light without distorting colors to reduce eyestrain when working for long periods of time.

### 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.<sup>7</sup>

### 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.<sup>8</sup>

### 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 45 minutes.<sup>9</sup>

### Battery life for long days

Extend your day into the night with up to 11 hours and 15 minutes of battery life. Longer battery life means you can keep going beyond your day without recharging.<sup>10</sup>

### 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 Online Protection 12-month trial

Secure your device with award winning antivirus and online protection. Free trial includes secure VPN for privacy and data protection when browsing on public Wi-Fi<sup>11</sup>

### Make the most out of your 365.

Microsoft 365 makes your life more creative, organized, and secure. 1-month trial for new Microsoft 365 customers.<sup>12</sup>

### PCIe NVMe™ M.2 SSD storage

Boot up in seconds with lightning fast speed with up to 1 TB PCIe NVMe™ M.2 SSD storage.

### HP Audio Boost

Take your audio experience to the next level with smart amplification technology giving you loud, clear and dynamic sound.

### LPDDR5 RAM

Experience speedy and responsive performance with the power efficient LPDDR5 memory. Designed to support higher data rates with less latency, plus faster file transfers and application load.

### 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.

### 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.

### Backlit keyboard

Keep going even in dimly lit rooms or aboard red-eye flights. With an illuminated keyboard, you can type comfortably in more environments.

### 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.<sup>13</sup>

## Recommended accessories and services (not included)



HP 930 Creator Wireless Mouse  
1D0K9AA



HP 970 Programmable Wireless Keyboard  
3Z729AA



HP Professional 17.3-inch Backpack  
500S6AA



3-year pickup and return  
UM946E



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## Specifications



## Performance

### Operating system

Windows 11 Home

### Processor

Intel® Core™ Ultra 5 125U (up to 4.3 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 12 cores, 14 threads)<sup>6,7</sup>

Processor family: Intel® Core™ Ultra 5 processor

### Performance technology

Intel® Evo™ laptop

### Chipset

Intel® integrated SoC

### Memory

16 GB LPDDR5-6400 MHz RAM (onboard)

Transfer rates up to 6400 MT/s.

Number of User-accessible Memory Slots: 0

### Storage

1 TB PCIe® Gen4 NVMe™ M.2 SSD

25 GB Dropbox storage for 12 months<sup>1</sup>

### Graphics

Integrated: Intel® Graphics;

### Audio

DTS:X® Ultra; Dual speakers; HP Audio Boost; Poly Studio

### Display

40.6 cm (16") diagonal, 2.8K (2880 x 1800), OLED, multitouch-enabled, 48-120 Hz,

0.2 ms response time, UWVA, edge-to-edge glass, micro-edge, Low Blue Light,

SDR 400 nits, HDR 500 nits, 100% DCI-P3<sup>17,21,26,28</sup>

### Screen-to-body ratio

90.70%<sup>18</sup>

### Power

65 W USB Type-C® power adapter;

### Battery type

4-cell, 68 Wh Li-ion polymer<sup>23</sup>

### Battery and Power

Up to 11 hours and 15 minutes<sup>3</sup>;

Supports battery fast charge: approximately 50% in 45 minutes<sup>5</sup>

### Maximum battery life video playback

Up to 16 hours<sup>10</sup>

## Connectivity

### Wireless connectivity

Intel® Wi-Fi 7 BE200 (2x2) and Bluetooth® 5.4 wireless card<sup>12,46</sup>

HP Dynamic Range Technology; HP Extended Range Wireless LAN; Modern

Standby (Connected)

### Ports

1 USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP

Sleep and Charge); 1 USB Type-A 10Gbps signaling rate (HP Sleep and Charge); 1

USB Type-A 10Gbps signaling rate; 1 HDMI-out 2.1; 1 headphone/microphone

combo; 1 Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate (USB Power

Delivery, DisplayPort™ 2.1, HP Sleep and Charge)<sup>19</sup>

### Webcam

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

## Sustainability

### Ecolabels

EPEAT® Gold registered<sup>27</sup>

### Energy star certified

ENERGY STAR® certified

### Sustainable impact specifications

Ocean-bound plastic in speaker enclosure(s) and bezel; Keyboard keycaps and

scissors contain post-consumer recycled plastic; Recycled metal in cover,

keyboard frame, base, hinge cap(s) and keyboard supporting plate<sup>39,40,41</sup>

## Design

### Product color

Glacier silver

Sandblasted anodized finish

## Software

### HP apps

HP Support Assistant; HP Connection Optimizer; OMEN Gaming Hub; HP

Enhanced Lighting; myHP

### Software

Intel® Unison™; Windows Studio Effects; Copilot in Windows with Copilot key;

1 month trial for new Microsoft 365 customers<sup>24</sup>

### Service & support

McAfee Online Protection 30-day trial; 1-month Adobe free trial offer; Xbox Game

Pass 1-month free trial<sup>2,25,43</sup>

## Additional information

### Part Number

P/N: A20P0EA #UUZ

UPC/EAN code: 198122901654

### Weight

1.87 kg;

Packed: 3.13 kg

### Dimensions

35.67 x 24.58 x 1.82 cm;

Packed: 8 x 43 x 31.5 cm

### 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

HP Imagepad

### Features

IMAX Enhanced certified

### Security management

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

support

### Sensors

Accelerometer; Gyroscope; IR thermal sensor



# HP Envy x360 2-in-1 Laptop 16-ac0550nz

## Footnotes

### Messaging Footnotes

- <sup>1</sup> 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.
- <sup>2</sup> Percentage of recycled metal varies by product.
- <sup>3</sup> Approx. 50% recycled plastics, included in the following PC components: speaker box, bottom cover, bezel and keyboard keycaps. Keyboard keycaps are 50% water-based paint. 45% PCR+5% OBP plastic used in speaker enclosure. 90% PIR metal in keyboard frame and metal cover. 90% recycled metal in hinge bar. Packaging outer box is 100% made from sustainably source certified and recycled fibers; Percentage post-consumer recycled plastic varies by product.
- <sup>4</sup> See [www.epeat.net](http://www.epeat.net) for registration status and tier levels by country.
- <sup>5</sup> 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>.
- <sup>6</sup> Intel and Core are trademarks of Intel Corporation in the U.S. and other countries.
- <sup>7</sup> The flicker-free capability eliminates screen flickering through integrating DC-dimming LED backlights.
- <sup>8</sup> 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.
- <sup>9</sup> Recharges your battery up to 50% within 45 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.
- <sup>10</sup> 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-25/> for additional details.
- <sup>11</sup> Internet access required and not included. McAfee is pre-installed on your PC and an account is required for activation. Subscription renewal required after trial period. VPN feature is not available in India, China, Syria or North Korea. McAfee is not compatible with Windows 11 in S mode. You'll need to permanently switch out of S mode. There's no charge to switch out of S mode, but you won't be able to turn it back on.
- <sup>12</sup> 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](http://www.microsoft.com) for full details.
- <sup>13</sup> 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](http://www.dropbox.com). Internet service required and not included.

### Technical Specifications Footnotes

- <sup>1</sup> 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.
- <sup>2</sup> Internet access required and not included. McAfee is pre-installed on your PC and an account is required for activation. Subscription renewal required after trial period. VPN feature is not available in India, China, Syria or North Korea. McAfee is not compatible with Windows 11 in S mode. You'll need to permanently switch out of S mode. There's no charge to switch out of S mode, but you don't be able to turn it back on.
- <sup>3</sup> 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 <https://bapco.com/products/mobilemark-25/> for additional details.
- <sup>5</sup> Recharges your battery up to 50% within 45 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.
- <sup>6</sup> 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.
- <sup>7</sup> Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See <http://www.intel.com/technology/turboboost/> for more information.
- <sup>10</sup> 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.
- <sup>12</sup> Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 7 (802.11BE) functionality requires Windows 11 2024, select Intel® Core™ or Intel® Core™ Ultra processor, and a Wi-Fi 7 router, sold separately. Wi-Fi 7 is backwards compatible with prior 802.11 specs. Available in countries where Wi-Fi 7 is supported. The specification for 802.11BE is a draft specification and is not final. If the final specification differs from the draft specification, it may affect the ability of the device to communicate with other 802.11BE devices.
- <sup>17</sup> All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.
- <sup>18</sup> Percent of active plus nonactive viewing area to active viewing area plus border. Measure with lid vertical to the desk.
- <sup>19</sup> For best results with HP Sleep and Charge, use a USB charging protocol standard cable or cable adapter with an external device.
- <sup>21</sup> TÜV Low Blue Light is the Display Compliance Test Specification quality. See <https://www.certipedia.com/?locale=en#search> for more details.
- <sup>23</sup> 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.
- <sup>24</sup> Must activate within 180 days of Windows activation.
- <sup>25</sup> 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.
- <sup>26</sup> DisplayHDR™ is the high-performance Display Compliance Test Specification from VESA specifying HDR (High Dynamic Range) quality. See <http://displayhdr.org> for more details.
- <sup>27</sup> Based on U.S. EPEAT® registration according to IEEC 1680.1:2018 EPEAT®. EPEAT® status varies by country. Visit [www.epeat.net](http://www.epeat.net) for more information.
- <sup>28</sup> Eyesafe® Display for Low Blue Light is the Display Compliance Test Specification quality. See <https://eyesafe.com> for more details.
- <sup>37</sup> Weight and system dimensions may fluctuate due to configuration and manufacturing variances.
- <sup>39</sup> Percentage of ocean-bound plastic contained in each component varies by product.
- <sup>40</sup> Laptops manufactured with recycled metal material in product cover. Percentage of recycled metal varies by product.
- <sup>41</sup> Keyboard components contain post-consumer recycled plastic. Percentage of post consumer recycled contained in each component varies by product.
- <sup>43</sup> Xbox Game Pass sold separately. Credit card required. Unless you cancel, you will be charged the then-current regular membership rate when the promotional period ends. Terms, exclusions, and streaming limits apply. Xbox Cloud Gaming (Beta): select devices and regions. After term, active membership required to play games and online multiplayer. Game catalog varies over time, region, and by device. DLC sold separately; if a game is removed from catalog or your membership ends, you will need to purchase the game separately to use your DLC. If you're already an Xbox Live Gold and/or Game Pass for Console/PC member, any days remaining in your membership(s) will be converted to Ultimate using a conversion ratio. Future code redemptions also subject to conversion ratio. All conversions to Ultimate are final. Details and system requirements at [www.xbox.com/gamepass](http://www.xbox.com/gamepass). Offer valid in all Xbox Game Pass markets excluding Russia. Digital Direct: Your digital content will be delivered directly to your device during set-up; no codes required.
- <sup>45</sup> 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.
- <sup>46</sup> Bluetooth® 5.4 operation requires Microsoft OS/Chrome OS support. Until Microsoft OS/Chrome OS support is available, Bluetooth® 5.4 will function as Bluetooth® 5.3 or lower.

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