

# HP Envy Laptop 17-da0501sa

## Enjoy seamless multitasking with an AI-powered, 17" laptop

Power your passion with the HP Envy 17" Laptop PC, boasting integrated AI technology and the latest Intel® Processor<sup>1</sup> for swift multitasking and extended battery life. Work more flexibly and efficiently with the 17" touchscreen design. Made with recycled materials and with 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.



### Power and mobility in one package

Conquer your day with ample storage and memory for seamless app performance on an expansive 17" touchscreen.

## 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® certifications.



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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>

### Game without compromise. Go beyond performance with Intel Core Ultra Processors.

Be everything you want to be, in-game and out with optimized performance and new features. Play harder and work smarter with Intel Core Processors.<sup>6</sup>

### NVIDIA® GeForce RTX™ 3050

Step up to the power of 2nd generation RTX powered by the award-winning NVIDIA Ampere architecture. AI and new system optimizations create more efficient gaming laptops in new and innovative form factors.<sup>7</sup>

### Intel® Graphics

With Intel® Arc™ graphics built-in, AI powers advanced creation and gameplay. Enjoy the high performance needed for accelerated creation and immersive high-resolution gaming, even while on-the-go.<sup>8</sup>

### FHD touchscreen

Intuitive touchscreen technology lets you control your PC right from the screen. And the vibrant 1920 x 1080 resolution delivers 2 million pixels for crystal-clear visuals.<sup>9</sup>

### 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.<sup>10</sup>

### 16:9 aspect ratio

A 16:9 aspect ratio lets you see more of your content with less scrolling.<sup>11</sup>

### Copilot in Windows with Copilot key

Copilot in Windows gives you intelligent answers. Access with just the touch of the Copilot key.<sup>12</sup>

### Recycled aluminum

Because little things make a big difference, this laptop design includes sustainable materials like recycled aluminum.<sup>13</sup>

### EPEAT® Gold registered

EPEAT® Gold registered products are the highest-rated products that meet all of EPEAT required criteria. EPEAT is the world's premier ecolabel for electronics.<sup>14</sup>

### ENERGY STAR® certified

Save energy and money with ENERGY STAR®, certified by the EPA so you will use less energy and save money where it counts most.<sup>15</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 30 minutes.<sup>16</sup>

### Liberating battery life

Take on your day without worrying about recharging. With up to 9 hours and 15 minutes of battery life, you can work, watch more, and spend more of your time totally untethered.<sup>17</sup>

### Wi-Fi 6E

Enjoy faster speeds, improved performance, greater capacity and lower latencies than earlier iterations with Wi-Fi 6E technology.<sup>18</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.

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

The high-quality-camera lets you video chat in stunning detail, at up to 2592x1944 resolution.<sup>19</sup>

### 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>21</sup>

### 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.<sup>22</sup>

### 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.

### 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-size keyboard with integrated numeric keypad

The full-sized keyboard with integrated numeric keypad allows you to comfortably type and increase productivity with 1.5mm key travel.

## 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  
UM963E



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## Specifications



## Performance

### Operating system

Windows 11 Home

### Processor

Intel® Core™ Ultra 7 155U (up to 4.8 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 12 cores, 14 threads)<sup>6,7</sup>

Processor family: Intel® Core™ Ultra 7 processor

### Chipset

Intel® integrated SoC

### Memory

16 GB DDR5-5600 MHz RAM (2 x 8 GB)

Transfer rates up to 5600 MT/s.

Number of User-accessible Memory Slots: 0

### Storage

512 GB PCIe® Gen4 NVMe™ M.2 SSD

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

### Graphics

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

Powered by NVIDIA Ampere architecture

### Audio

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

### Display

43.9 cm (17.3") diagonal, FHD (1920 x 1080), multitouch-enabled, IPS, edge-to-edge glass, micro-edge, 300 nits, 100% sRGB<sup>17</sup>

### Screen-to-body ratio

86%<sup>18</sup>

### Power

100 W USB Type-C® power adapter;

### Battery type

6-cell, 83 Wh Li-ion polymer<sup>23</sup>

### Battery and Power

Up to 9 hours and 15 minutes<sup>3</sup>;

Supports battery fast charge: approximately 50% in 30 minutes<sup>5</sup>

### Maximum battery life video playback

Up to 16 hours and 30 minutes<sup>10</sup>

## Connectivity

### Wireless connectivity

Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.3 wireless card<sup>12,46</sup>

### Ports

2 USB Type-A 10Gbps signaling rate; 1 USB Type-A 10Gbps signaling rate (HP Sleep and Charge); 1 HDMI 2.1; 1 headphone/microphone combo; 1 USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 2.1, HP Sleep and Charge); 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 and keyboard supporting plate<sup>39,40,41</sup>

## Design

### Product color

Glacier silver

Sandblasted cover and keyboard frame, polished base finish

## Software

### HP apps

HP Support Assistant; HP Connection Optimizer; OMEN Gaming Hub; HP Enhanced Lighting; myHP

### Software

Intel® Unison™; Otter.ai; 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: A4JU4EA #ABU

UPC/EAN code: 198415342317

### Weight

2.5 kg;

Packed: 3.81 kg

### Dimensions

39.6 x 25.86 x 1.99 cm;

Packed: 8 X 47.5 X 33.5 cm

### Manufacturer Warranty

1 year (1/1/0) limited warranty includes 1 year 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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## 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> ©2024 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.
- <sup>8</sup> Intel® Arc™ graphics only available on select H-series Intel® Core™ Ultra processor powered systems with at least 16GB of system
- <sup>9</sup> Full high-definition (FHD) content is required to view FHD images.
- <sup>10</sup> The flicker-free capability eliminates screen flickering through integrating DC-dimming LED backlights.
- <sup>11</sup> All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.
- <sup>12</sup> Requires Windows 11 and compatible processor with an NPU. Availability and features vary by market and device. Requires Microsoft account to log in. Where Copilot in Windows is not available, the Copilot key will lead to Windows Search. See <http://aka.ms/WindowsAIFeatures>
- <sup>13</sup> Includes recycled metal.
- <sup>14</sup> EPEAT® Silver registered where applicable. EPEAT registration varies by country. See [www.epeat.net](http://www.epeat.net) for registration status by country.
- <sup>15</sup> ENERGY STAR and the ENERGY STAR logo are registered trademarks of the U.S. Environmental Protection Agency.
- <sup>16</sup> 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.
- <sup>17</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://bpcco.com/products/mobilemark25/> for additional details.
- <sup>18</sup> 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.
- <sup>19</sup> Features may require software or other 3rd party applications to provide the described functionality. Internet service required and not included.
- <sup>21</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>22</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.

## 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 won'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://bpcco.com/products/mobilemark25/> 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> 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 6GHz is supported.
- <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>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>27</sup> Based on U.S. EPEAT® registration according to IEEE 16801-2018 EPEAT®. EPEAT® status varies by country. Visit [www.epeat.net](http://www.epeat.net) for more information.
- <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® 5.3 operation requires Microsoft OS/Chrome OS support. Until Microsoft OS/Chrome OS support is available, Bluetooth® 5.3 will function as Bluetooth® 5.2 or lower.

