

# HP ENVY Laptop 17-cr0797nr



## Power and speed to keep up with your creativity

A laptop with enough power and speed to keep up with your creativity.



### Instantly share images and files wirelessly

Pre-loaded with HP Palette, it includes apps like HP QuickDrop, allowing you to easily transfer files wirelessly.



**Powerful tools for creating**  
Experience accurate, brilliant colors on a large 17.3" screen and power from the Intel® Processor<sup>1</sup>.



**Look your best on video calls**  
Experience clear video chats with AI Noise Reduction, and a 5MP camera<sup>2</sup> with Auto Frame and privacy shutter.



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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.<sup>4</sup>

### A dynamic processor that adapts to you for superior multi-tasking performance

12th Gen Intel® Core™ processors distributes performance where you need it the most — saving you time and increasing your ability to do the things you actually want.<sup>1</sup>

### 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.<sup>5</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>6</sup>

### 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.<sup>7</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>8</sup>

### Wi-Fi 6E

Enjoy faster speeds, improved performance, greater capacity and lower latencies than earlier iterations with Wi-Fi 6E technology.<sup>9</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.

### 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. The infrared sensor gives you the added security of Windows Hello, for a safer way to log in to your computer.<sup>2</sup>

### Thunderbolt™ 4 with USB4™ Type-C®

Power your device or connect an external display with a blazing 40Gbps signaling data rate from one impressive SuperSpeed USB-C® port with Thunderbolt™ 3. And it's reversible, so you never have to worry about plugging in upside down.<sup>10</sup>

### McAfee® LiveSafe™

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

### 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.<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.

### 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.

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

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## Specifications

### Performance

#### Operating system

Windows 11 Home

#### Processor family

12th Generation Intel® Core™ i7 processor

#### Processor

Intel® Core™ i7-1255U (up to 4.7 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 10 cores, 12 threads)<sup>6,7</sup>

#### Chipset

Intel® Integrated SoC

#### Memory

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

#### Number of user-accessible

0

#### Storage

1 TB PCIe® NVMe™ M.2 SSD

Optical drive not included

#### Graphics

Discrete: NVIDIA® GeForce RTX™ 2050 Laptop GPU (4 GB GDDR6 dedicated)

#### Audio

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

#### Display

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

#### Screen-to-body ratio

86.25%<sup>18</sup>

#### Power supply

90 W USB Type-C® power adapter

#### Battery type

4-cell, 55 Wh Li-ion polymer<sup>23</sup>

#### Battery and Power

Up to 7 hours and 30 minutes<sup>3</sup>

#### Maximum battery life video playback

Up to 12 hours and 15 minutes<sup>10</sup>

#### Battery recharge time

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

### Connectivity

#### Wireless connectivity

Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.2 combo (Supporting Gigabit data rate)

MU-MIMO supported

#### Ports

2 Thunderbolt™ 4 with USB4™ Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge); 1 SuperSpeed USB Type-A 10Gbps signaling rate (HP Sleep and Charge); 2 SuperSpeed USB Type-A 10Gbps signaling rate; 1 HDMI 2.1; 1 headphone/microphone combo<sup>19,20</sup>

#### Expansion slots:

1 multi-format SD media card reader

#### Webcam

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

### Design

#### Product color

Natural silver aluminum

Sandblasted, anodized finish

### Software

#### Software

25 GB Dropbox storage for 12 months<sup>1</sup>; 1 month trial for new Microsoft 365 customers<sup>24</sup>

#### Service & support

McAfee LiveSafe™<sup>2</sup>

### Additional information

#### Part Number

P/N: 6P701UA

UPC/EAN code: 196786343469

#### Energy efficiency compliance

ENERGY STAR® certified; EPEAT® registered

#### Sustainable impact specifications

Ocean-bound plastic in base, bezel, speaker enclosure(s) and hinge cap(s); Recycled metal in cover and keyboard frame; Keyboard keycaps made with post-consumer recycled plastic<sup>39,40,41</sup>

#### Weight

Unpackaged: 2.49 kg

Packaged: 3.7 kg

#### Dimensions (Width x Depth x Height)

Unpackaged: 39.82 x 25.9 x 1.96 cm

Packaged: 6.9 x 55.2 x 34.5 cm

#### Manufacturer Warranty

#### Input devices

Full-size, backlit, natural silver keyboard with numeric keypad

HP Imagepad with multi-touch gesture support

#### Security management

All-in-One keyboard; Trusted Platform Module (Firmware TPM) support

Fingerprint reader not available

#### Sensors

Accelerometer; IR Thermal sensor; Ambient light sensor

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## Key Selling Points 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 is not a measurement of higher performance.
- <sup>2</sup> Features may require software or other 3rd party applications to provide the described functionality. Internet service required and not included.
- <sup>3</sup> With Duet® for HP you can use your tablet, phone, or another PC as a secondary display.

## Feature Messaging Footnotes

- <sup>4</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>5</sup> Full high-definition (FHD) content is required to view FHD images.
- <sup>6</sup> The flicker-free capability eliminates screen flickering through integrating DC-dimming LED backlights.
- <sup>7</sup> 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.
- <sup>8</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>9</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>10</sup> Actual throughput may vary. USB Type-C® and USB-C® are trademarks of USB Implementers Forum.
- <sup>11</sup> Internet service required and not included. Subscription required after 30 days.
- <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> Free 30 day subscription of McAfee LiveSafe service included. Internet access required and not included. Subscription required after expiration.
- <sup>3</sup> 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.
- <sup>5</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>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%, player audio level at 100%, played full-screen from local storage, headphone attached, wireless on but not connected. Actual battery life will vary depending on configuration and maximum capacity will naturally decrease with time and usage.
- <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>20</sup> SuperSpeed USB 20Gbps is not available.
- <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>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.

