

# HP Pavilion Laptop 14-ec1097nr



## A sleek laptop built for amazing entertainment

A sleek laptop with the speed of an AMD processor<sup>1</sup> and a stunning display for amazing entertainment.



### Powerful AMD Processor

Enjoy a super-fast, seamless experience with an AMD Processor<sup>1</sup>, high-performance graphics and fast Wi-Fi speeds<sup>4</sup>.



### Sleek design with a precision touchpad

With a modern, compact design and large precision touchpad, you can power through your to-do list in style.

AUDIO BY 

### Stunning display and audio perfection

Enjoy the entertainment on a 3-sided micro-edge display, plus an amazing listening experience with Audio by B&O.



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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>5</sup>

### AMD Ryzen™ 5000 Series Processors with Radeon™ Graphics

Awaken your senses to refreshing speed, with the confidence to unplug and go further. New AMD Ryzen™ 5000 Series Processors bring your experiences to life - delivering everything you need, and so much more.<sup>1</sup>

### 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>

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

### Keyboard keycaps contain post-consumer recycled plastic

We're bringing a more sustainable design to our keyboards by using keycaps made with post-consumer recycled plastic.<sup>9</sup>

### McAfee® LiveSafe™

Protect your operating system with a free 30-day McAfee® LiveSafe™ subscription.<sup>10</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>11</sup>

### PCIe SSD storage

Boot up in seconds with lightning fast speed with up to 256 GB PCIe SSD storage.

### Effortlessly connected

Enjoy ultra-fast gigabit data rate with a Wi-Fi 6 (2x2) and Bluetooth® 5.2 combo<sup>12</sup>

### MU-MIMO supported

If you have several MU-MIMO devices in your home, MU-MIMO support works in combination with a MU-MIMO router to maximize network traffic for a smoother online experience.

### A truly powerful audio experience

With HP Dual Speakers, HP Audio Boost, and custom tuning by the experts at B&O, you can experience rich, authentic audio. Let the sound move you.

### 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.

### Fingerprint reader

Seamlessly log in into your device in any mode with the touch of your finger. Patented 3-D fingerprint technology ensures secure access and online payments.<sup>13</sup>

### SuperSpeed USB Type-C® Power + Display + 10Gbps signaling rate

Power your device or connect to an external display from just one USB-C® port with 10Gbps signaling rate. And it's reversible, so you never have to worry about plugging in upside down.<sup>14</sup>

### 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>15</sup>

### HP Wide Vision HD Camera

The 88-degree, wide-angle field of view lets you video chat with the entire family or group of friends in crystal clear detail.<sup>16</sup>

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## Specifications

### Performance

#### Operating system

Windows 11 Home

#### Processor family

AMD Ryzen™ 7 processor

#### Processor

AMD Ryzen™ 7 5825U (up to 4.5 GHz max boost clock, 16 MB L3 cache, 8 cores, 16 threads)<sup>6,7</sup>

#### Chipset

AMD Integrated SoC

#### Memory

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

#### Number of user-accessible

0

#### Storage

256 GB PCIe® NVMe™ M.2 SSD

Optical drive not included

#### Graphics

Integrated: AMD Radeon™ Graphics

#### Audio

Audio by B&O; Dual speakers; HP Audio Boost

#### Display

35.6 cm (14") diagonal, FHD (1920 x 1080), IPS, micro-edge, BrightView, 250 nits, 45% NTSC<sup>17</sup>

#### Screen-to-body ratio

84%<sup>18</sup>

#### Power supply

65 W Smart AC power adapter

#### Battery type

3-cell, 43 Wh Li-ion polymer<sup>23</sup>

#### Battery and Power

Up to 10 hours and 15 minutes<sup>3</sup>

#### Maximum battery life video playback

Up to 11 hours<sup>10</sup>

#### Battery recharge time

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

### Connectivity

#### Wireless connectivity

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

MU-MIMO supported

#### Ports

1 SuperSpeed USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4, HP Sleep and Charge); 2 SuperSpeed USB Type-A 5Gbps signaling rate; 1 HDMI 2.1; 1 AC smart pin; 1 headphone/microphone combo<sup>19</sup>

#### Webcam

HP Wide Vision 720p HD 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, paint finish base

### Software

#### HP apps

HP Audio Switch; HP Support Assistant; HP Connection Optimizer; HP Command Center; HP BIOS Protection; HP QuickDrop; MyHP; OMEN Gaming Hub; HP Palette; HP Enhanced Lighting<sup>32</sup>

#### Software

25 GB Dropbox storage for 12 months<sup>1</sup>; Duet® for HP (30 day free trial)<sup>36</sup>; 1 month trial for new Microsoft 365 customers<sup>24</sup>

#### Service & support

McAfee LiveSafe™; 1-month Adobe free trial offer<sup>2,25</sup>

### Additional information

#### Part Number

P/N: 686P2UA#ABA

UPC/EAN code: 196548441792

#### Energy efficiency compliance

ENERGY STAR® certified EPEAT® Silver registered<sup>27</sup>

#### Sustainable impact specifications

Ocean-bound plastic in speaker enclosure; Keyboard keycaps made with post-consumer recycled plastic<sup>39,41</sup>

#### Weight

Unpackaged: 1.41 kg

Packaged: 1.98 kg

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

Unpackaged: 32.5 x 21.66 x 1.7 cm

Packaged: 6.9 x 48.3 x 30.5 cm

#### Manufacturer Warranty

1-year limited hardware warranty. Additional information available at [www.support.hp.com](http://www.support.hp.com); 1-year limited technical support for software and initial setup (from date of purchase)<sup>14</sup>

#### Input devices

Full-size, backlit, natural silver keyboard

HP Imagepad with multi-touch gesture support; Precision Touchpad Support

#### Security management

Trusted Platform Module (Firmware TPM) support

Fingerprint reader

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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. AMD's numbering is not a measurement of clock speed.
- <sup>2</sup> The Flicker-free capability eliminates screen flickering through integrating DC-dimming LED backlights.
- <sup>3</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.
- <sup>4</sup> Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 6 (802.11ax) is backwards compatible with prior 802.11 specs. Only available in countries where 802.11ax is supported. Wi-Fi 6 (802.11ax) is not supported in Russia and Belarus where Wi-Fi settings will be optimized to local regulatory requirements (802.11ac).

## Feature Messaging Footnotes

- <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> The flicker-free capability eliminates screen flickering through integrating DC-dimming LED backlights.
- <sup>7</sup> Full high-definition (FHD) content is required to view FHD images.
- <sup>8</sup> Percentage of ocean-bound plastic contained in each component varies by product.
- <sup>9</sup> Percentage of post-consumer recycled plastic contained in keycap varies by product.
- <sup>10</sup> Internet service required and not included. Subscription required after 30 days.
- <sup>11</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>12</sup> Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Requires a wireless router, sold separately, that supports 80MHz channels. Wi-Fi 6 (802.11ax) is backwards compatible with prior 802.11 specs. The specifications for Wi-Fi 6 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 6 devices. Only available in countries where 802.11ax is supported.
- <sup>13</sup> Internet service required and not included.
- <sup>14</sup> Actual throughput may vary. USB Type-C® and USB-C® are trademarks of USB Implementers Forum.
- <sup>15</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.
- <sup>16</sup> Features may require software or other 3rd party applications to provide the described functionality.

## 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. AMD's numbering is not a measurement of clock speed.
- <sup>7</sup> Max Boost clock frequency performance varies depending on hardware, software and overall system configuration.
- <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>14</sup> Wireless access point and internet service required and sold separately. Availability of public wireless access points limited; Call 1.800.474.6836 or [support.hp.com](http://support.hp.com) for more information on Care Packs available after standard warranty expires. After standard warranty expires, an incident fee may apply.
- <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> ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency; Based on U.S. EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. EPEAT® status varies by country. Visit [www.epeat.net](http://www.epeat.net) for more information.
- <sup>32</sup> HP BIOS Protection works with Windows 10 or 11 that ships with your PC; For more information visit [hp.com/go/hpsupportassistant](http://hp.com/go/hpsupportassistant). (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.
- <sup>36</sup> 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.
- <sup>39</sup> Percentage of ocean-bound plastic contained in each component varies by product.
- <sup>41</sup> Keyboard keycap contains post-consumer recycled plastic. Percentage of Post consumer recycled contained in each component varies by product.

