Datasheet

HP Pavilion x360 Convertible 14-dy0005ni

HP's most compact, mainstream 2-in-1 convertible laptop.

The HP Pavilion x360 14 convertible adapts to you so that you are productive at any angle. Stream your favorite series as long as you want with HP Fast Charge[2]. Dual Speakers with Audio by B&O give this laptop the immersive sound and entertainment experience you crave. Designed with the environment in mind, the HP Pavilion x360 is made using sustainable, post-consumer recycled, and ocean-bound plastics[4].

*Product image may differ from actual product

Adapts to you
With four angles to choose from, you'll find just the right view for anything with the extremely flexible HP Pavilion x360.

Cinematic experience
Enjoy a richer entertainment and authentic listening experience with HP Dual Speakers with Audio by B&O.

Streams like a dream
Easily power through your binge sessions with an Intel® processor[1] and great graphics, all on a micro-edge display.

Made with the environment in mind
This laptop is ENERGY STAR® certified, EPEAT Gold registered[3] and contains sustainable, post-consumer recycled and ocean-bound plastics.[4]

HP Pavilion x360 Convertible 14-dy0005ni

Featuring

Windows 10
Do great things confidently with the familiar feel of Windows – only better. Be more secure, more productive, and get more personal with preinstalled features and enhancements like Windows Hello and Cortana.[6]

Exceptional experience, anywhere
11th Gen Intel® Core™ processors bring the perfect combination of features to make you unstoppable. Get things done fast with high performance, instant responsiveness and best-in-class connectivity.[7]

FHD IPS touchscreen
Always see your content at its best with 178° wide-viewing angles and a vibrant picture. And with touchscreen technology, you can control your PC right from the screen.[8]

Liberating battery life
Take on your day without worrying about recharging. With up to 8 hours and 30 minutes of battery life, you can work, watch more, and spend more of your time totally untethered.[9]

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.[10]

PCIe SSD storage
Boot up in seconds with lightning fast speed with up to 512 GB PCIe SSD storage.

Effortlessly connected
Enjoy ultra-fast gigabit data rate with a Wi-Fi 6 (1x2) and Bluetooth® 5.2 combo[11]

DDR4 RAM
Designed to run more efficiently and more reliably at faster speeds, DDR4 is the future of RAM. With its higher bandwidth, everything from multi-tasking to playing games gets a performance boost.

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.[12]

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.[13]

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.[14]

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.

HP Rechargeable MPP 2.0 Tilt Pen
Create naturally with no interruptions. Improved latency and greater sensitivity allow you smoothly transition between colors for finer details while you write, draw and edit on any of your devices.

McAfee® LiveSafe™
Protect your operating system with a free 30-day McAfee® LiveSafe™ subscription.[15]

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.[16]

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.[17]

Four-sided micro-edge display
See more of your screen with a four-sided micro-edge display that maximizes your viewing area.

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.

360° geared hinge
Innovatively engineered to rotate 360 degrees so that you can use your device in four positions. Work in laptop position, watch in reverse position, play in tent position, and go in tablet position.

Datasheet

HP Pavilion x360 Convertible 14-dy0005ni

*Product image may differ from actual product

Specifications

Performance

Operating system
Windows 10 Home 64
Processor
Intel® Core™ i3-1125G4 (up to 3.7 GHz with Intel® Turbo Boost Technology, 8 MB L3 cache, 4 cores)[6,7]
Processor family: 11th Generation Intel® Core™ i3 processor
Chipset
Intel® Integrated SoC
Memory
8 GB DDR4-3200 MHz RAM (1 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
Optical drive not included
Dropbox[1]
Graphics
Integrated: Intel® UHD Graphics;
Audio
Audio by B&O; Dual speakers; HP Audio Boost
Display
35.6 cm (14") diagonal, FHD (1920 x 1080), multitouch-enabled, IPS, edge-to-edge glass, micro-edge, 250 nits, 45% NTSC[17]
Screen-to-body ratio
87.95%[18]
Power
45 W Smart AC power adapter;
Battery type
3-cell, 43 Wh Li-ion polymer;
175 g;
Battery and Power
Up to 8 hours and 30 minutes[3];
Supports battery fast charge: approximately 50% in 45 minutes[5]
Maximum battery life video playback
Up to 12 hours and 30 minutes[10]

Connectivity

Wireless connectivity
Realtek Wi-Fi 6 (1x2) and Bluetooth® 5.2 combo (Supporting Gigabit data rate) [11,12,13,16]
MU-MIMO supported; Miracast compatible
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 2.0; 1 AC smart pin; 1 headphone/microphone combo [19]
1 microSD media card reader
Webcam
HP Wide Vision 720p HD camera with integrated dual array digital microphones

Design

Product color
Natural silver
Paint finish cover and base, anodized keyboard frame

Software

HP apps
HP Audio Switch; HP Connection Optimizer; HP QuickDrop; OMEN Gaming Hub
Software
ExpressVPN (30 day free trial); LastPass Premium (30 day free trial) [22];
1 month trial for new Microsoft 365 customers [24]
Service & support
McAfee LiveSafe™ [2]

Additional information

Part Number
P/N: 46H49EA #ACQ
UPC/EAN code: 196068094164
Ecolabels
ENERGY STAR® certified; EPEAT® Silver registered
Weight
1.56 kg;
Packed: 2.18 kg
Weight Note: Weight varies by configuration
Dimensions
32.2 x 20.9 x 1.99 cm;
Packed: 6.9 x 48.3 x 30.5 cm
Dimension Note: Dimensions vary by configuration
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.
Included accessories
HP Rechargeable MPP2.0 Tilt Pen
Keyboard
Full-size, backlit, natural silver keyboard
HP Imagepad with multi-touch gesture support; Precision Touchpad Support
Security management
Fingerprint reader
Sensors
Accelerometer; eCompass; Gyroscope

HP Pavilion x360 Convertible 14-dy0005ni

Recommended accessories

* Not included.

HP Renew 15 Navy Backpack
1A212AA

HP Pavilion Wireless Keyboard and Mouse 800 (Black)
4CE99AA

Warranty services*

3-year return to depot
U4817E

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, branding and/or naming is not a measurement of higher performance.
[2] Battery power adapter varies by configuration (45W or 65W available). Check SKU model for details. 65W battery adapter recharges your battery up to 50% within 30 minutes and 45W battery adapter recharges your battery up to 50% within 45 minutes. Tested 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.
[3] 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.
[4] Laptops manufactured with recycled ocean-bound plastic material and post-consumer recycled plastic in product speaker enclosures, and post-consumer recycled plastic in the keyboard caps. Percent of recycled materials contained in each component varies by product.
[5] Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi settings will be optimized to local regulatory requirements (802.11ac).

Feature Messaging Footnotes

[6] 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 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See http://www.microsoft.com. Some features including voice supported Cortana, inking, and Continuum require more advanced hardware. See www.windows.com. Apps sold separately.
[7] 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.
[8] Full high-definition (FHD) content is required to view FHD images.
[9] 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.
[10] 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.
[11] 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.
[12] Internet service required and not included.
[13] Actual throughput may vary. USB Type-C® and USB-C® are trademarks of USB Implementers Forum.
[14] Features may require software or other 3rd party applications to provide the described functionality.
[15] Internet service required and not included. Subscription required after 30 days.
[16] 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.
[17] 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] New Dropbox users are eligible to get 25 GB of Dropbox space free 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 10 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 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.
[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%, 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.
[11] Wi-Fi® supporting gigabit speeds is achievable when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 160 MHz channels.
[12] Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited.
[13] 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. 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.
[16] Wi-Fi 6 (802.11ax) is not supported in Ukraine, Russia, and Indonesia where Wi-Fi settings will be optimized to local regulatory requirements (802.11ac).
[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.
[22] Reverting to LastPass basic after 30 days.
[24] Must activate within 180 days of Windows activation.
[39] Percentage of ocean-bound plastic contained in each component varies by product.
[41] Keyboard keycap contains post-consumer recycled plastic. Percentage of Post consumer recycled contained in each component varies by product.

© Copyright 2021 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein. Intel, Core, Optane, Celeron, Pentium, Iris, XMM, and Thunderbolt are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries. AMD, Ryzen, Athlon, and Radeon are trademarks of Advanced Micro Devices, Inc. Bluetooth is a trademark owned by its proprietor and used by HP Inc. under license. NVIDIA and GeForce are trademarks and/or registered trademarks of NVIDIA Corporation in the U.S. and other countries. USB Type-C® and USB-C® are registered trademarks of USB Implementers Forum. DisplayPort™ and the DisplayPort™ logo are trademarks owned by the Video Electronics Standards Association (VESA®) in the United States and other countries. McAfee and McAfee LiveSafe are trademarks or registered trademarks of McAfee LLC in the United States and other countries. ENERGY STAR is a registered trademark of the U.S. Environmental Protection Agency. All other trademarks are the property of their respective owners. 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 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See http://www.microsoft.com.

April 2021