Datasheet

HP Pavilion x360 Convertible 14-dh0500sa

Flexible and fierce. Do more in every imaginable way. 360° of power that revolves around you.

Inspire the world with a reliable laptop that bends over backwards for you. Be free to create, share, and connect in more ways with the new Pavilion x360 PC.



Do it all
Live life without limits with a laptop that gets things done. With a powerful Intel® processor[1], multitasking feels easy and fast.

Make a statement
Stand out with a fresh new design that blends unique patterns, tones, and finishes. A new hourglass shape and 360-degree hinge lets you open your laptop fast and easy to get into the perfect position to work, write, watch and play.

See more. Hear it all.
Your photos and videos fill more of the screen with a 3-sided micro-edge display. Experience rich authentic sound with dual speakers and HP Audio Boost with Audio by B&O.

HP Fast Charge

[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.

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Featuring

Windows 10 in S Mode
Experience the most secure Windows ever built. With fast boot times, increased responsiveness, and added protection against phishing and malicious software, applications run more smoothly.[1]

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.[2]

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.

DDR4 RAM options
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.

128 GB Solid-State Drive
Without the moving parts of a standard hard drive, solid-state drives are more efficient, reliable, and fast. Boot up in seconds, transfer files without waiting hours, and enjoy a snappier experience every time you use your PC.

Intel® HD graphics
Impressive graphics help with everything you do. Whether it's watching a video or just surfing the web, Intel® HD Graphics render all the visuals on your screen with smooth, vivid quality.

USB-C™
Power your device or connect to an external display from just one USB-C™ port with 5 Gb/s signaling rate. And it's reversible, so you never have to worry about plugging in upside down.[3]

USB 3.1 connector
With the world's most popular USB connection, you can easily connect any of your existing USB devices and experience data transfer speeds ten times faster than USB 2.0.

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.[4]

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.

802.11 a/c (1x1) WLAN & Bluetooth® 4.2
Stay connected to Wi-Fi and to Bluetooth® accessories with wireless technology.[5]

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.[6]

Sleek design
Easily take this thin and light PC from room to room or on the road. When your PC goes wherever you go, staying productive and entertained has never been easier.

360° geared hinge
Innovatively engineered to rotate 360º 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.

Micro-edge display with edge-to-edge keyboard
This beautifully efficient design couples an ultra-thin bezel with an edge-to-edge keyboard, maximizing display and keyboard area.

Anti-glare panel
Enjoy the sun and your favorite content with this anti-glare panel. Non-reflective and low gloss, means you'll get less glare while you're outside.

Micro-edge display
With virtually no bezel encircling the display, an ultra-wide viewing experience provides for seamless multi-monitor set-ups.

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.[12]

Like putting pen to paper
Write and draw naturally with fluid, more accurate ink strokes. And palm rejection technology prevents unintentional inking and includes reduced lag when writing.

HP Jumpstart
When you boot up your PC for the first time, get a personal walkthrough during the setup and get an informative overview of your PC's features.

HP 3D DriveGuard
Your PC's data stays safe from accidental bumps and bruises with HP 3D DriveGuard. It senses motion and locks your spinning hard drive, so a single bump won't delete your entire digital life.

Laptop hinge test
Our laptop hinges are tested with up to 25,000 openings and closings - that's an average of seventeen times a day, every day, for four years of worry-free quality.[14]

Measurable Quality
Life can be unpredictable, but your HP laptop shouldn't be. Backed by over 200 individual tests, our laptops go through it all to deliver durability you can trust and reliability you can count on.

[1] 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. Windows 10 in S Mode works exclusively with apps from the Microsoft Store within Windows. Certain default settings, features, and apps cannot be changed. Some accessories and apps compatible with Windows 10 may not work (including some antivirus, PDF Writers, driver utilities and accessibility apps) and performance may vary, even if you switch to Windows 10 Home configuration (fee may apply). You can't switch back to Windows 10 in S Mode. Learn more at Windows.com/Windows10SFAQ.
[2] Full high-definition (FHD) content is required to view FHD images.
[3] USB Type-C™ and USB-C™ are trademarks of USB Implementers Forum.
[4] Features may require software or other 3rd party applications to provide the described functionality.
[5] Wireless access point and Internet service required. Availability of public wireless access points limited. The specifications for the 802.11ac WLAN are draft specifications and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the laptop to communicate with other 802.11ac WLAN devices. Bluetooth® is a trademark owned by its proprietor and used by HP Inc. under license.
[6] 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.
[12] 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 laptop, 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 Spectre 2-in-1 and HP x2 PC models. See http://store.hp.com for a full list of product features.
[14] HP Total Test Process testing is not a guarantee of future performance under these test conditions. Damage under the HP Total Test Process test conditions or any accidental damage requires an optional HP Accidental Damage Protection Care Pack.

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Specifications

Performance

Operating system
Windows 10 Home in S mode
Processor
Intel® Pentium® Gold 5405U (2.3 GHz base frequency, 2 MB cache, 2 cores)
Processor family: Intel® Pentium® Gold processor [6]
Chipset
Intel® Integrated SoC
Memory
4 GB DDR4-2133 SDRAM (1 x 4 GB)
Transfer rates up to 2133 MT/s.
Storage
128 GB M.2 SSD
Optical drive not included
Dropbox[1]
Graphics
Integrated: Intel® HD Graphics 610;
Audio
B&O, dual speakers, HP Audio Boost
Display
35.6 cm (14") diagonal FHD IPS micro-edge WLED-backlit multitouch-enabled edge-to-edge glass (1920 x 1080)
Display Color Gamut
45% NTSC
Brightness(typical)
250 nits
Power
45 W AC power adapter;
Battery type
3-cell, 41 Wh Li-ion;
210 g;
Battery and Power
Up to 10 hours and 30 minutes[3];
Supports battery fast charge: approximately 50% in 45 minutes[5]
Maximum battery life video playback
Up to 10 hours and 15 minutes[10]

Connectivity

Network interface
Integrated 10/100/1000 GbE LAN
Wireless connectivity
Realtek RTL8821CE 802.11 b/g/n/ac (1x1) and Bluetooth® 4.2 Combo
MU-MIMO supported; Miracast compatible
Ports
1 USB 3.1 Gen 1 Type-C™ (Data Transfer Only, 5 Gb/s signaling rate); 2 USB 3.1 Gen 1 Type-A (Data Transfer Only); 1 AC smart pin; 1 HDMI; 1 headphone/microphone combo;
1 multi-format SD media card reader
Webcam
HP Wide Vision HD Camera with integrated dual array digital microphone

Design

Product color
Mineral silver cover, natural silver base and keyboard frame
Sandblasted anodized finish

Software

HP apps
HP 3D DriveGuard; HP Audio Switch; HP CoolSense; HP JumpStart; HP Support Assistant
Software
Netflix; 1 month trial for new Microsoft Office 365 customers
Service & support
McAfee LiveSafe™ [2]

Additional information

Part Number
P/N: 6TC61EA #ABU
UPC/EAN code: 193905674183
Energy efficiency compliance
ENERGY STAR® certified; EPEAT® Silver registered
Weight
1.59 kg;
Packed: 2.1 kg
Weight note (metric): Weight varies by configuration
Dimensions
32.4 x 22.29 x 2.05 cm;
Packed: 48.3 x 30.5 x 6.9 cm
Dimension note (metric): Dimensions vary by configuration
Warranty
1 year limited parts, labour, and pickup and return service; You can expand the warranty coverage of your product to reach up to 3 years in total; for more information go to the "Options and accessories" web section on hp.com product pages.
Keyboard
Full-size island-style natural silver keyboard
HP Imagepad with multi-touch gesture support; Precision Touchpad Support
Features
Convertible
Security management
Kensington Nano Security Slot™
Sensors
Accelerometer; Gyroscope; eCompass

Recommended accessories

* Not included.

HP Tilt Pen
2MY21AA


HP Pavilion Gaming Headset 400
4BX31AA


HP Pavilion Wireless Keyboard 600 White
4CF02AA

Warranty services*


PC Care pack

3-year pickup and return
U4819E

[1] 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.
[2] McAfee LiveSafe 30-day free trial offer (Internet access required. First 30 days included. Subscription required for live updates afterwards.)
[3] Estimated Windows 10 battery life based on Windows 10 / MobileMark® 2014 benchmarking. 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 www.bapco.com 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 Envy, HP Omen and HP Pavilion models. 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 is not a measurement of higher performance. Intel, Pentium, Intel Core, Celeron, Intel logo and the Intel Inside logo are trademarks of Intel Corporation in the U.S. and other countries.
[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.

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