Datasheet

HP Spectre x360 Convertible 13-ae011no

Thin. Powerful. Smart. It must be love.

We fit a massive amount of innovation into epically thin proportions. The Spectre x360 holds nothing back on performance, bringing the best of all worlds into a PC designed around you. Let yourself fall in love with all the smart technology packed in its sleek design.

[1] Windows 10/ MM14 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.
[2] 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.
[4] 4K content required to view full 4K images.

HP Spectre x360 Convertible 13-ae011no

Featuring

8th Generation Intel® Core™ processor
Upgrade performance with smooth system responsiveness and fast load times for an exceptional PC experience. Supporting resolution up to stunning 4K, stream premium content, or even create your own.

Intel® UHD Graphics 620
Smoothly stream 4K content and play your favorite games in 720p, without the need for a dedicated graphics card. With excellent graphics performance, you'll see the difference in everything you do.

4K IPS display with optional touch
With 8.2 million pixels, be mesmerized by the 4K experience. The spectacular 3840 x 2160 resolution delivers your content in jaw-dropping quality with true-to-life definition and 178° wide-viewing angles. And with optional touch, you can control your PC right from the screen.

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.

An exceptionally rich audio experience
With HP Quad 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.

USB-C™
Power your device, transfer up to 5Gb/s of data, or connect to an external display all from just one USB-C™ port. And it's reversible, so you never have to worry about plugging in upside down.

PCIe SSD storage
Available in capacities up to 512 GB, PCIe-based flash storage is up to 17x faster than a traditional 5400-rpm laptop hard drive.

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.

360° geared hinge
Innovatively engineered to rotate 360º so that you can use your device in four modes. Work in laptop mode, watch in stand mode, play in tent mode, and go in tablet mode.

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 90% charge in approximately 90 minutes.

Corning® Gorilla® Glass NBT™
Corning® Gorilla® Glass NBT™ stands up to all the daily abuse a touch screen takes. From gripping to swiping - reduce accidental damage with stronger, more durable protection than most displays.

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.

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.

HP Wide Vision FHD IR Camera
Easily log in through Windows Hello with the infrared sensor. With an 88-degree, wide-angle field of view, you can video chat with your entire family or group of friends in stunning detail.

Windows Ink
Naturally drive content, ideas, and drawings forward with digital pen-based computing and Windows Ink. Seamlessly jot down notes in Office, or draw on a collection of apps.

Edge-to-edge backlit keyboard
Keep going even in dimly lit rooms or aboard red-eye flights. With a full-size, edge-to-edge illuminated keyboard, you can type comfortably in more environments.

USB-C™ Thunderbolt
Power your device, connect an external display, or transfer data at a blazing 40Gbs all from one impressive USB-C™ Thunderbolt™ port. And it's reversible, so you never have to worry about plugging in upside down.

An exceptionally rich audio experience
With HP Quad 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.

Rock-solid connections
Never worry about spotty Internet and weak connections. Stay powerfully connected to Wi-Fi and to Bluetooth® accessories with the latest 802.11 a/c (2x2) WLAN adapter and Bluetooth® 4.2.

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.

[4] 4K content required to view full 4K images.
[5] Based on HP internal testing using CrystalDiskMark benchmarking software. Performance is sequentially faster (read only) compared to traditional 5,400 rpm HDD
[6] Features may require software or other 3rd party applications to provide the described functionality.
[7] Some features including voice supported Cortana, inking, and Continuum require more advanced hardware. See www.windows.com. Apps sold separately.
[8] Transfer rate may vary. All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.
[9] USB Type-C™ and USB-C™ are trademarks of USB Implementers Forum.
[10] 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.
[11] Bluetooth® is a trademark owned by its proprietor and used by HP Inc. under license.
[12] 4K content required to view full 4K images. High-definition (HD) content required to view HD images.
[13] Internet service required and not included.
[14] Transfer rate may vary. All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower. USB Type-C™ and USB-C™ are trademarks of USB Implementers Forum.
[15] 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. 4K content required to view full 4K images. System loading time and responsiveness dependent upon product configuration.

HP Spectre x360 Convertible 13-ae011no

Specifications

Performance

Operating system
Windows 10 Home 64

Processor
Intel® Core™ i7-8550U (1.8 GHz base frequency, up to 4 GHz with Intel® Turbo Boost Technology, 8 MB cache, 4 cores)
Processor family: 8th Generation Intel® Core™ i7 processor [6,7]

Memory
16 GB LPDDR3-2133 SDRAM (onboard)
Transfer rates up to 2133 MT/s.

Storage
512 GB PCIe® NVMe™ M.2 SSD

Graphics
Integrated: Intel® UHD Graphics 620;

Audio
Bang & Olufsen, quad speakers, HP Audio Boost

Display
33.8 cm (13.3") diagonal 4K IPS micro-edge WLED-backlit touch screen with Corning® Gorilla® Glass NBT™ (3840 x 2160)

Power
65 W AC power adapter;

Battery type
3-cell, 60 Wh Li-ion;
Supports battery fast charge: approximately 50% in 30 minutes [5]

Target battery life
Up to 16 hours and 15 minutes estimated battery time[2]

Maximum battery life video playback
Up to 12 hours and 15 minutes[2]

Connectivity

Wireless connectivity
Intel® 802.11b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 4.2 Combo
Miracast compatible; MU-MIMO supported

Ports
2 Thunderbolt™ 3 (Data Transfer up to 40 Gb/s, Power Delivery, DP1.2, HP Sleep and Charge); 1 USB 3.1 Gen 1 (HP Sleep and Charge); 1 headphone/microphone combo
1 microSD media card reader

Webcam
HP TrueVision FHD IR Camera with integrated dual array digital microphone

Design

Product color
Dark ash silver
Aluminum cover finish

Software

HP apps
HP Audio Switch; HP JumpStart

Software
1 month trial for new Microsoft® Office 365 customers

Service & support
McAfee LiveSafe™ [1]

Additional information

Part Number
P/N: 4UJ77EA #UUW
UPC/EAN code: 193424095667

Energy efficiency compliance
ENERGY STAR® certified; EPEAT® Silver registered

Weight
1.26 kg;

Dimensions
30.6 x 21.8 x 1.36 cm;

Warranty
1-year limited parts, labour, and carry-in service; You can expand the warranty coverage of your product to reach up to 3 years in total; for more information, check with your HP reseller.

Included accessories
Stylus

Keyboard
Full-size island-style backlit keyboard
HP Imagepad with multi-touch gesture support

Features
Webcam supports Windows Hello

Security management
Fingerprint reader; Trusted Platform Module (TPM) support

Sensors
Accelerometer; Gyroscope; eCompass

Warranty services*

Care Pack — 3-year return to depot
U9787E

[1] McAfee LiveSafe 12-month free trial offer (Internet access required. First 12 months included. Subscription required for live updates afterwards.)
[2] 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 90% within 90 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 90% capacity, charging speed will return to normal speed. Charging time may vary +/-10% due to System tolerance. Available on select HP Spectre, HP Envy, HP Omen and HP Pavilion PC 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.
[7] Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See http://www.intel.com/technology/turboboost/ for more information.

© Copyright 2017 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. Microsoft, Windows, and the Windows Logo are U.S. registered trademarks of Microsoft Corporation.Bluetooth is a trademark of its proprietor and used by Hewlett-Packard Company under license. Intel and Core are trademarks of Intel Corporation in the U.S. and other countries. ENERGY STAR is a registered mark owned by the U.S. government. 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.

September 2018