

# HP Spectre x360 Convertible 13-ae014ni



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.



**Revolutionary power. Extraordinarily thin.**

Reimagine what a laptop can deliver. Get a full day of work with up to 16 hours of battery life<sup>1</sup> with Fast Charge, and an 8th Gen Intel® Core™ i Quad Core processor<sup>2</sup> for cutting-edge performance.



**Smart technology. Designed for security.**

We've designed this PC around you, with four unique modes windows inking capable<sup>3</sup>. We added an IR camera for secure login, and safe payment with a fingerprint reader.



**Elevate your senses with eight-million pixels.**

A nearly borderless 33.8 cm (13.3") diagonal, 4K<sup>4</sup> micro-edge touch display with Corning® Gorilla® Glass NBT™ and expert-tuned quad speakers by Bang and Olufsen deliver a rich, unforgettable entertainment experience.



<sup>1</sup> 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](http://www.bapco.com) for additional details.

<sup>2</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>3</sup> Stylus sold separately.  
<sup>4</sup> 4K content required to view full 4K images.

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## Featuring

### 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.

### 360° geared hinge

Innovatively engineered to rotate 360° 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.

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<sup>4</sup> 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 laptop, 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.

<sup>5</sup> Internet service required and not included.

<sup>6</sup> Features may require software or other 3rd party applications to provide the described functionality.

<sup>7</sup> Some features including voice supported Cortana, inking, and Continuum require more advanced hardware. See [www.windows.com](http://www.windows.com). Apps sold separately.

<sup>8</sup> 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.

<sup>9</sup> USB Type-C™ and USB-C™ are trademarks of USB Implementers Forum.

<sup>10</sup> 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.

<sup>11</sup> Bluetooth® is a trademark owned by its proprietor and used by HP Inc. under license.

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## 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<sup>6,7</sup>

#### Memory

16 GB LPDDR3-2133 SDRAM (onboard)

Transfer rates up to 2133 MT/s.

#### Storage

1 TB 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<sup>5</sup>

#### Target battery life

Up to 16 hours and 15 minutes estimated battery time<sup>2</sup>

#### Maximum battery life video playback

Up to 12 hours and 15 minutes<sup>4</sup>

### 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™<sup>1</sup>

### Additional information

#### Part Number

P/N: 4UL40EA #ACQ

UPC/EAN code: 193424055692

#### 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.

#### 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\*



3-year return to depot  
UM931E

<sup>1</sup> McAfee LiveSafe 12-month free trial offer (Internet access required. First 12 months included. Subscription required for live updates afterwards.)

<sup>2</sup> 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](http://www.bapco.com) for additional details.

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<sup>5</sup> Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See <http://www.intel.com/technology/turboboost/> for more information.

