



# HP Spectre x360 - 13-ap0043dx (5UL45UA)



## Overview

Revolutionary battery life on a convertible PC—see where it takes you

### 20-hour battery life

Up to 20 hours of battery life[1].

### Securely shape your world

### The power to take you farther

Elevate your every day with the most stunning Spectre yet—featuring the latest Intel® Core™ processor for top-of-the-line efficiency and speed. Heighten your Spectre's performance to a new level by managing thermal settings and choosing from cool, quiet, or performance modes depending on needs.



# Features



## 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.<sup>[3]</sup>



## 802.11 a/c (2x2) WLAN & Bluetooth® 5.0

Stay connected to Wi-Fi and to Bluetooth® accessories with wireless technology.<sup>[8]</sup>



## 4K IPS display with 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.<sup>[2]</sup>



## 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.<sup>[6]</sup>



## 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.<sup>[7]</sup>



## 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>[5]</sup>

---

[1] Up to 20 hours requires laptop configured with Intel® Core™ i5-8565U or i7-8265U processors with 8gb RAM, 256gb SSD, low power FHD display, Windows 10 Home RS4. 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.

[2] 4K content required to view full 4K images.

[3] 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](http://www.windows.com). Apps sold separately.

[5] Internet service required and not included.

[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. 4K content required to view full 4K images. System loading time and responsiveness dependent upon product configuration.

[7] Features may require software or other 3rd party applications to provide the described functionality.

*[8] 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.*

## Specifications

|                                       |                                                                                                                                                                              |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Operating system</b>               | Windows 10 Home 64                                                                                                                                                           |
| <b>Product color</b>                  | Dark ash silver                                                                                                                                                              |
| <b>Processor family</b>               | 8th Generation Intel® Core™ i7 processor                                                                                                                                     |
| <b>Processor</b>                      | Intel® Core™ i7 8565U (1.8 GHz base frequency(2b), up to 4.6 GHz with Intel® Turbo Boost Technology(2g), 8 MB cache, 4 cores) <sup>[6,7]</sup>                               |
| <b>Memory</b>                         | 16 GB DDR4-2400 SDRAM (onboard)                                                                                                                                              |
| <b>Internal Storage</b>               | 512 GB PCIe® NVMe™ M.2 SSD                                                                                                                                                   |
| <b>Product design</b>                 | Aluminum cover finish                                                                                                                                                        |
| <b>Optical drive</b>                  | Optical drive not included                                                                                                                                                   |
| <b>Graphics</b>                       | Integrated                                                                                                                                                                   |
| <b>Graphics (integrated)</b>          | Intel® UHD Graphics 620                                                                                                                                                      |
| <b>Display</b>                        | 33.8 cm (13.3") diagonal 4K IPS BrightView micro-edge WLED-backlit touch screen (3840 x 2160)                                                                                |
| <b>Display</b>                        | 13.3" diagonal 4K IPS BrightView micro-edge WLED-backlit touch screen (3840 x 2160)                                                                                          |
| <b>Display size (diagonal)</b>        | 33.8 cm (13.3")                                                                                                                                                              |
| <b>Display size (diagonal)</b>        | 13.3"                                                                                                                                                                        |
| <b>Audio features</b>                 | Bang & Olufsen; quad speakers; HP Audio Boost 2.0                                                                                                                            |
| <b>Minimum dimensions (W x D x H)</b> | 30.7 x 21.8 x 1.39 cm                                                                                                                                                        |
| <b>Minimum dimensions (W x D x H)</b> | 12.16 x 8.58 x 0.57 in                                                                                                                                                       |
| <b>Weight</b>                         | 1.32 kg                                                                                                                                                                      |
| <b>Weight</b>                         | 2.92 lb                                                                                                                                                                      |
| <b>Keyboard</b>                       | Full-size island-style backlit keyboard                                                                                                                                      |
| <b>Keyboard</b>                       | Full-size island-style backlit keyboard                                                                                                                                      |
| <b>Pointing device</b>                | HP Imagepad with multi-touch gesture support                                                                                                                                 |
| <b>Pointing device</b>                | HP Imagepad with multi-touch gesture support                                                                                                                                 |
| <b>Input devices</b>                  | Accelerometer; Gyroscope; eCompass                                                                                                                                           |
| <b>Webcam</b>                         | HP Wide Vision FHD IR Camera with integrated dual array digital microphone                                                                                                   |
| <b>Ports</b>                          | 2 USB 3.1 Type-C™ Gen 2 Thunderbolt™ 3 (Data 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 |
| <b>Expansion slots</b>                | 1 microSD media card reader                                                                                                                                                  |
| <b>Package dimensions (W x D x H)</b> | 41.3 x 33 x 14.7 cm                                                                                                                                                          |
| <b>Package weight</b>                 | 2.34 kg                                                                                                                                                                      |

|                               |                                                                                                                                                                                                                                                                                           |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Wireless</b>               | Intel® Wireless-AC 9560 802.11b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 Combo                                                                                                                                                                                                                |
| <b>Power supply type</b>      | 65 W USB Type-C™ adapter                                                                                                                                                                                                                                                                  |
| <b>Battery type</b>           | 4-cell, 61 Wh Li-ion                                                                                                                                                                                                                                                                      |
| <b>Battery life</b>           | Up to 12 hours and 45 minutes                                                                                                                                                                                                                                                             |
| <b>Battery weight</b>         | 8.81 oz                                                                                                                                                                                                                                                                                   |
| <b>Battery weight</b>         | 250 g                                                                                                                                                                                                                                                                                     |
| <b>Energy efficiency</b>      | ENERGY STAR® certified; EPEAT® Silver registered                                                                                                                                                                                                                                          |
| <b>Security management</b>    | Fingerprint reader; Trusted Platform Module (TPM) support                                                                                                                                                                                                                                 |
| <b>Pre-installed software</b> | Netflix                                                                                                                                                                                                                                                                                   |
| <b>Software included</b>      | McAfee LiveSafe™                                                                                                                                                                                                                                                                          |
| <b>Warranty</b>               | 1 year limited hardware warranty (information at <a href="http://www.hp.com/support">www.hp.com/support</a> ); 90 day phone support (from date of purchase); complimentary chat support within warranty period (at <a href="http://www.hp.com/go/contacthp">www.hp.com/go/contacthp</a> ) |

## Additional specifications

|                                       |                                  |
|---------------------------------------|----------------------------------|
| <b>MDA key selling point</b>          | Windows 10 Home 64               |
| <b>Memory and storage</b>             | 16 GB memory; 512 GB SSD storage |
| <b>Package dimensions (W x D x H)</b> | 5.79 x 16.26 x 13.07 in          |
| <b>Package weight</b>                 | 5.18 lb                          |
| <b>Processor speed</b>                | 1.8 GHz                          |
| <b>Product brand name</b>             | HP                               |
| <b>Storage type</b>                   | SSD                              |

---

*[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.*

---

## Disclaimer — Copyright

© Copyright 2018 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.

Generated by Dynamic Collateral Tool – (ww-en) – Dec 17, 2018 6:37 PM UTC+0000