



| CB315-6H Specifications (v8-0-6) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                        |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| Category                         | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Footnotes              |
| Operating system                 | 1 ChromeOS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |
| CPU and chipset                  | 1 Intel® Core™ 3 processor N355 (6 MB Smart Cache, 1.9 GHz with Intel® Turbo Boost Technology 2.0 up to 3.9 GHz)<br>Intel® Processor N250 (6 MB Smart Cache, 1.3 GHz with Intel® Turbo Boost Technology 2.0 up to 3.8 GHz)<br>Intel® Processor N150 (6 MB Smart Cache, 0.8 GHz with Intel® Turbo Boost Technology 2.0 up to 3.6 GHz)                                                                                                                                                                                                                          |                        |
| Memory                           | 1, 2, 3 Single-channel LPDDR5X SDRAM support <ul style="list-style-type: none"><li>• 16 GB of onboard LPDDR5X system memory</li></ul> Single-channel LPDDR5X SDRAM support <ul style="list-style-type: none"><li>• 8 GB of onboard LPDDR5X system memory</li></ul> Single-channel LPDDR5X SDRAM support <ul style="list-style-type: none"><li>• 4 GB of onboard LPDDR5X system memory</li></ul> Single-channel LPDDR5 SDRAM support <ul style="list-style-type: none"><li>• 4 GB of onboard LPDDR5 system memory</li></ul> Memory Frequency : Up to 4800 MT/s |                        |
| Display                          | 15.6" Full HD 1920 x 1080, high-brightness Acer ComfyView™ LED-backlit TFT LCD<br>16:9 aspect ratio<br>Ultra-slim design<br>Mercury free, environment friendly<br>15.6" display with IPS (In-Plane Switching) technology, Full HD 1920 x 1080, high-brightness Acer ComfyView™ LED-backlit TFT LCD<br>16:9 aspect ratio, 45% NTSC color gamut<br>Wide viewing angle up to 170 degrees<br>Ultra-slim design<br>Mercury free, environment friendly                                                                                                              | 4<br><br><br><br><br>4 |
| Graphics                         | 1 Intel® Graphics<br>Graphics Special Technology# <ul style="list-style-type: none"><li>• AVC, VP9, AV1, HEVC, VP8 HW Accelerated Video Decode</li><li>• AVC, VP9, HW Accelerated Video Encode</li><li>• JPEG HW Accelerated Imaging Encode</li><li>• OpenGL &amp;OpenGL ES</li></ul>                                                                                                                                                                                                                                                                         | 5                      |
| Audio                            | <ul style="list-style-type: none"><li>• DTS® Audio, featuring optimized bass / treble response and micro-speaker distortion prevention</li><li>• Two built-in stereo upward firing speakers</li></ul>                                                                                                                                                                                                                                                                                                                                                         |                        |

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|                                  |      | <ul style="list-style-type: none"> <li>• Acer Purified Voice technology with 3 build-in microphones array to support AI noise Cancellation on both omnidirectional mode &amp; privacy mode with beamforming technology.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Storage</b>                   |      | <ul style="list-style-type: none"> <li>• 64 GB eMMC</li> <li>• 128 GB eMMC</li> </ul> <b>Solid state drive</b> <ul style="list-style-type: none"> <li>• 128 GB, PCIe Gen3, 8 Gb/s, NVMe</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Webcam</b>                    | 1    | <b>Video conferencing</b><br>UFC with <ul style="list-style-type: none"> <li>• Double T-Type USB HD Camera</li> <li>• Compatible with Chromebook only</li> <li>• 1280 x 720 resolution</li> <li>• 720p HD video at 30 fps with Temporal Noise Reduction</li> <li>• Support ROI (region of interest) feature</li> <li>• Blue Glass lens</li> <li>• Dual Mic (33 mm + 33 mm)</li> </ul> UFC with <ul style="list-style-type: none"> <li>• Double T-Type USB FHD Camera</li> <li>• Compatible with Chromebook only</li> <li>• 1920 x 1080 resolution</li> <li>• 1080p video with Temporal Noise Reduction</li> <li>• Staggered High Dynamic Range (SHDR)</li> <li>• 86 x 3.2 (4.2) x 3 mm</li> <li>• Blue glass lens</li> <li>• Dual Mic (33 mm + 33 mm)</li> </ul> |
| <b>Wireless and networking</b>   | 1    | <b>WLAN</b> <ul style="list-style-type: none"> <li>• Intel® Wi-Fi 7 Wireless LAN</li> <li>• 802.11 a/b/g/n/ac/ax/be</li> <li>• Band: 2.4 GHz, 5 GHz, and 6 GHz</li> <li>• 2x2 MIMO technology</li> <li>• Intel® Wireless Wi-Fi 6E AX211</li> <li>• 802.11 a/b/g/n/ac/ax wireless LAN</li> <li>• Band: 2.4 GHz, 5 GHz, and 6 GHz</li> <li>• 2x2 MU-MIMO technology</li> </ul> <b>WPAN</b><br>Supports Bluetooth® 5.3 or above                                                                                                                                                                                                                                                                                                                                     |
| <b>Dimensions and weight</b>     | 7, 8 | <b>Dimensions</b> <ul style="list-style-type: none"> <li>• 359.25 (W) x 236.17 (D) x 18.35/18.6 (H) mm (14.14 x 9.3 x 0.72/0.73 inches)</li> </ul> <b>Weight</b> <ul style="list-style-type: none"> <li>• 1.59 kg (3.51 lbs.) with 3-cell battery pack</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Power adapter and battery</b> |      | <b>Power adapter</b><br>USB Type-C 65 W PD PCR 50%, TCO 9.0 AC adapter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

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|                                            | <ul style="list-style-type: none"> <li>• 5 V / 3 A or 9 V / 3 A or 12 V / 3 A or 15 V / 3 A or 20 V / 3.25 A as output power</li> <li>• 90.0 (W) x 51.0 (D) x 28.5 (H) mm (3.54 x 2.01 x 1.12 inches)</li> <li>• 192 g ± 10% with 150 cm DC cable</li> <li>• Black color with Acer logo</li> <li>• Brick type AC pins</li> </ul> <b>Battery</b> <ul style="list-style-type: none"> <li>• 53 Wh 3-cell Li-ion battery</li> <li>• Supports Fast Charging technology</li> <li>• For models with Full HD Panel</li> </ul> <p>Battery life based on Power Qualification Test v2 for ChromeOS:<br/>Up to 13.5 hours (based on video playback test results)<br/>Up to 16 hours (based on web browsing test results)</p> | 9  |
| <b>Input and control</b>                   | <b>Keyboard</b><br>99-/100-/100-key ChromeOS FineTip keyboard with number pad, Quick Insert Key and Vavildi 2.0 design, Good typing feeling with optimal travel distance and international language support.<br>99-/100-/100-key ChromeOS FineTip white backlight keyboard with numberpad, Quick Insert Key and Vavildi 2.0 design, good typing feeling with optimal travel distance and international language support.<br><b>TouchPad</b><br>Fully clickable touchpad featuring click-anywhere functionality: One-finger touch to left-click, two-finger touch to right-click, and two-finger scrolling<br>* Moisture resistant<br>* OceanGlass™ Touchpad                                                      |    |
| <b>Input and output</b>                    | <b>USB Type-C</b><br>Two USB Type-C™ ports<br>USB Type-C™ port supporting: <ul style="list-style-type: none"> <li>• USB 3.2 Gen 1 (up to 5 Gbps)</li> <li>• DisplayPort over USB-C</li> <li>• USB charging 5 V; 3 A</li> <li>• DC-in port 5 or 9 or 15 or 20 V; 65 W</li> </ul> <b>USB Standard A</b><br>Two USB Standard-A ports, supporting: <ul style="list-style-type: none"> <li>• Two ports for USB 3.2 Gen 1</li> </ul> HDMI® 1.4 port with HDCP support<br>3.5 mm headphone/speaker jack, supporting headsets with built-in microphone                                                                                                                                                                   |    |
| <b>System compliance</b>                   | ENERGY STAR®<br>EPEAT® registered                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 10 |
| <b>Warranty</b>                            | One-year International Travelers Warranty (ITW)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |
| 1. Specifications vary depending on model. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |

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2. Shared system memory may be allocated to support graphics, depending on system memory size and other factors. Actual system memory available to the operating system will be reduced by any memory used by the graphics solution and resources required by the operating environment.
3. Memory speed may vary, depending on the CPU, chipset or memory fitted.
4. All brands and product names mentioned herein include trademarks of their respective companies and are used solely to describe or identify the products.
5. Not all features indicated are supported on all SKUs
6. 1 GB is 1 billion bytes. Actual formatted capacity is less and may vary depending on preloaded materials and operating environment. Acer Recovery Management uses a portion of the stated hard disk capacity as dedicated backup space.
7. Minor variations in system dimensions are possible due to the manufacturing process.
8. Weight may vary depending on product configuration, vendor components, manufacturing variability, and selected options.
9. The listed battery life is tested by Power Qualification Test v2 for ChromeOS: 1) Browsing: This test collects power data while browsing(scrolling up & down) cached sites in public Google Cloud Storage. 2) VideoPlayback: This test plays offline video in fullscreen from ramdisk repeatedly for 6 mins / 1 hour.
10. EPEAT® registration varies by country. See <http://www.epeat.net/> for registration status for each country.

In a continuing effort to improve the quality of our products, information in this document is subject to change without notice. Images shown are only representations of some of the configurations available for this model. Availability may vary depending on region.

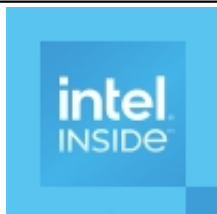
As a phenomenon known to thin-film transistors (TFTs), liquid crystal displays (LCDs) commonly exhibit a small number of discoloration dots, as so-called "non-conforming pixels." This phenomenon is a limitation of TFT LCD technology, not a product defect, and as such is not covered by Acer's warranty.

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Founded in 1976, Acer is one of the world's top ICT companies with a presence in more than 160 countries. As Acer evolves with the industry and changing lifestyles, it is focused on enabling a world where hardware, software and services will fuse with one another, creating ecosystems and opening up new possibilities for consumers and businesses alike. Acer's 7,500 employees are dedicated to the research, design, marketing, sale, and support of products and solutions that break barriers between people and technology. Please visit [www.acer.com](http://www.acer.com) for more information.



## CB315-6H Specifications (v8-0-6)



Purified.Voice



Data Access



FineTip Keyboard



NUMERIC  
KEYPAD



OceanGlass™  
Touchpad



COMBO  
AUDIO JACK



# Appendix

## v2-0-2 (Ver. 2)

- Audio
- Power adapter and battery

## v3-0-2 (Ver. 3)

- Power adapter and battery

## v4-0-3 (Ver. 4)

- System compliance

## v5-0-4 (Ver. 5)

- Input and output
- Memory
- Sensors

## v6-0-4 (Ver. 6)

- Webcam

## v7-0-5 (Ver. 7)

- Memory

## v8-0-6 (Ver. 8)

- About
- Memory