



CB514-5H Specifications (v9-0-6)		
Category	Description	Footnotes
Operating system 1	ChromeOS ChromeOS with Chrome Enterprise Upgrade ChromeOS with Chrome Education Upgrade	
CPU and chipset 1	Intel® Core™ i5-1334U processor (12 MB Smart Cache, 1.3 GHz Performance-core with Intel® Turbo Boost Technology 2.0 up to 4.6 GHz), supporting hybrid core architecture with Performance-core and Efficient-core Intel® Core™ i3-1315U processor (10 MB Smart Cache, 1.2 GHz Performance-core with Intel® Turbo Boost Technology 2.0 up to 4.5 GHz), supporting hybrid core architecture with Performance-core and Efficient-core Intel® Core™ 7 processor 150U (12 MB Smart Cache, 1.8 GHz Performance-core with Intel® Turbo Boost Technology 2.0 up to 5.4 GHz), supporting hybrid core architecture with Performance-core and Efficient-core Intel® Core™ 5 processor 120U (12 MB Smart Cache, 1.4 GHz Performance-core with Intel® Turbo Boost Technology 2.0 up to 5.0 GHz), supporting hybrid core architecture with Performance-core and Efficient-core Intel® Core™ 3 processor 100U (10 MB Smart Cache, 1.2 GHz Performance-core with Intel® Turbo Boost Technology 2.0 up to 4.7 GHz), supporting hybrid core architecture with Performance-core and Efficient-core	
Memory 1, 2, 3	Dual-channel LPDDR5X SDRAM support • 16 GB of onboard LPDDR5X system memory Dual-channel LPDDR5 SDRAM support • 8 GB of onboard LPDDR5 system memory Single-channel LPDDR5X SDRAM support • 8 GB of onboard LPDDR5X system memory Memory Frequency : Up to 5200 MT/s	
Display	14.0" display with IPS (In-Plane Switching) technology, WUXGA 1920 x 1200, Acer ComfyView™ LED-backlit TFT LCD 16:10 aspect ratio, color gamut NTSC 45%(Typical value) Wide viewing angle up to 170 degrees Mercury free, environment friendly	4
Graphics 1	Intel® Graphics Graphics Special Technology#	5

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		• AVC/H.264, HEVC/H.265, VP8, VP9, AV1, MPEG-2, JPEG HW Accelerated Video Decode • AVC/H.264, HEVC/H.265, VP9, MPEG-2, JPEG HW Accelerated Video Encode • OpenGL ES 3.2 • WebGL &HTML5 • Vulkan 1.2 • Android Extension Pack (AEP) Intel® Iris® X^e Graphics eligible Graphics Special Technology: • AVC/H.264, HEVC/H.265, VP8, VP9, AV1, MPEG-2, JPEG HW Accelerated Video Decode • AVC/H.264, HEVC/H.265, VP9, MPEG-2, JPEG HW Accelerated Video Encode • OpenGL ES 3.2 • WebGL & HTML5 • Vulkan Intel® UHD Graphics Graphics Special Technology# • AVC/H.264, HEVC/H.265, VP8, VP9, AV1, MPEG-2, JPEG HW Accelerated Video Decode • AVC/H.264, HEVC/H.265, VP9, MPEG-2, JPEG HW Accelerated Video Encode • OpenGL ES 3.2 • WebGL & HTML5 • Vulkan	5	5	
Audio		• DTS® Audio, featuring optimized bass / treble response and micro-speaker distortion prevention • Two built-in stereo upward firing speakers • Acer Purified Voice technology with 3 build-in microphones array to support AI noise Cancellation on both omnidirectional mode &privacy mode with beamforming technology.			
Storage		Solid state drive • 256 GB / 512 GB, PCIe Gen4 16 Gb/s up to 4 lanes, NVMe • 128 GB UFS	1, 6		
Webcam	1	Video conferencing UFC with • Double T-Type USB QHD Camera • Compatible with Chrome only • 2560 x 1440 Resolution • 1440p QHD Video at 30 FPS with Temporal Noise Reduction • Dual Mic (33 mm + 33 mm) • 86 x 3.2 (4.2) x 3 mm • Blue glass lens			

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		UFC with • Double T-Type USB FHD Camera • Compatible with Chromebook only • 1920 x 1080 resolution • 1080p video with Temporal Noise Reduction • Staggered High Dynamic Range (SHDR) • 86 x 3.2 (4.2) x 3 mm • Blue glass lens • Dual Mic (33 mm + 33 mm)
Wireless and networking	1	WLAN • Intel® Wi-Fi 7 Wireless LAN • 802.11 a/b/g/n/ac/ax/be • Band: 2.4 GHz, 5 GHz, and 6 GHz • 2x2 MIMO technology • Intel® Wireless Wi-Fi 6E AX211 • 802.11 a/b/g/n/ac/ax wireless LAN • Band: 2.4 GHz, 5 GHz, and 6 GHz • 2x2 MU-MIMO technology WPAN Supports Bluetooth® 5.3 or above
Security		Discrete H1 Trusted Platform Module (TPM) solution for Chromebook Kensington lock (Nano-type) Camera shutter
Dimensions and weight	7, 8	Dimensions • 316.4 (W) x 226.5 (D) x 18.35 (H) mm (12.46 x 8.92 x 0.72 inches) with Metal A Cover Weight • 1.41 kg (3.11 lbs.) with 3-cell battery pack
Power adapter and battery		Power adapter USB Type-C 65 W PD PCR 50%, TCO 9.0 AC adapter with PS • 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 • 90.0 (W) x 51.0 (D) x 28.5 (H) mm (3.54 x 2.01 x 1.12 inches) • 192 g ± 10% with 150 cm DC cable • Black color with Acer logo • Brick type AC pins • With paper sleeve Battery • 53 Wh 3-cell Li-ion battery • Supports Fast Charging technology • For models with WUXGA Panel + SSD Battery life based on Power Qualification Test v2 for ChromeOS: Up to 13 hours (based on video playback test results) Up to 17 hours (based on web browsing test results)

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Input and control	TouchPad Fully clickable touchpad featuring click-anywhere functionality: One-finger touch to left-click, two-finger touch to right-click, and two-finger scrolling * Moisture resistant * OceanGlass™ Touchpad Keyboard 80-/81-/84-key ChromeOS FineTip keyboard, Quick Insert Key, Vavildi 2.0 design, Good typing feeling with painting and optimal travel distance. International language support. 80-/81-/84-key ChromeOS FineTip white backlight keyboard, Quick Insert Key, Vavildi 2.0 design, Good typing feeling with optimal travel distance and international language support.	
Input and output	USB Type-C Two USB Type-C™ ports USB Type-C™ port, supporting: • USB 3.2 Gen 2 (up to 10 Gbps) • DisplayPort 1.4 over USB-C • USB charging 5/12/19 V; 3 A • DC-in port 12 or 19 V; 65 W USB Standard A Two USB Standard-A ports, supporting: • Two ports for USB 3.2 Gen 1 HDMI® 1.4 port with HDCP support 3.5 mm headphone/speaker jack, supporting headsets with built-in microphone	
System compliance	ENERGY STAR® EPEAT® Gold	12
Warranty	One-year International Travelers Warranty (ITW)	
Quality and reliability tests	Military Reliability Test MIL total test items as below. Military Reliability Test: High Temperature Non-Operating (MIL-STD 810H) Military Reliability Test: Low Temperature Non-Operating (MIL-STD 810H) Military Reliability Test: Low Temperature Operating (MIL-STD 810H) Military Reliability Test: High Temperature Operating (MIL-STD 810H) Military Reliability Test: Vibration Operating (MIL-STD 810H) Military Reliability Test: Transit Drop (Unpackaged) 122 cm (MIL-STD 810H) Military Reliability Test: Transit Drop (Packaged) 122 cm (MIL-STD 810H) Military Reliability Test: Sand and Dust (MIL-STD 810F) Military Reliability Test: Humidity (MIL-STD 810H) Military Reliability Test: Rain (MIL-STD 810H) Spill resistant keyboard (30 ml)	
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. Listed battery life is based on testing using video playback. The test clip loops and continues to run, without interruption or any other inputs, until the battery is drained. Stated battery life is for comparison purpose only. Actual battery life varies by model, configuration, applications, video chip format and features used. A battery's maximum capacity decreases with time and use. Battery life test configuration: , , , of memory. Battery life test condition: LCD brightness 150 nits, connected headphones, WLAN off, Bluetooth off and Better Battery Mode on.
10. Listed battery life is based on testing using Web browsing. The test clip loops the loading of 50 selected websites using Microsoft Edge every 30 seconds, until the battery is drained. Stated battery life is for comparison purpose only. Actual battery life varies by model, configuration, applications, video chip format and features used. A battery's maximum capacity decreases with time and use. Battery life test configuration: , , , of memory. Battery life test condition: 100 nits LCD brightness, 50% speaker volume, WLAN on, Bluetooth on, no WW direct Internet connection.
11. 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.
12. 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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Appendix

v2-0-1 (Ver. 2)

Webcam

v4-0-3 (Ver. 3)

Wireless and networking

Power adapter and battery

System compliance

About

Dimensions and weight

v5-0-3 (Ver. 4)

System compliance

Power adapter and battery and Battery's footnote

v6-0-3 (Ver. 5)

Power adapter and battery

v7-0-4 (Ver. 6)

Webcam

Power adapter and battery and Battery's footnote

v8-0-5 (Ver. 7)

Display

Input and output

About

Power adapter and battery and Battery's footnote

v9-0-6 (Ver. 8)

Display

Memory