



CB516-1H Specifications (v9-0-7)		
Category	Description	Footnotes
Operating system 1	ChromeOS ChromeOS with Chrome Enterprise Upgrade	
CPU and chipset 1	Intel® Core™ i5-1335U 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™ 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 Memory Frequency : Up to 5200 MT/s	
Display	16.0" 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® UHD Graphics	5

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	• Blue glass lens • Dual Mic (33 mm + 33 mm)	
Wireless and networking	1 WLAN • 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 • 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 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 • 358.9 (W) x 253.1 (D) x 18.9/19.25 (H) mm (14.13 x 9.96 x 0.74/0.76 inches) Weight • 1.7 kg (3.75 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 • 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 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 Battery life based on Power Qualification Test v2 for ChromeOS: Up to 12.5 hours (based on video playback test results) Up to 15.5 hours (based on web browsing test results)	9

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Input and control	Keyboard 99-/100-/100-key ChromeOS FineTip keyboard with numberpad, Quick Insert Key and Vavildi 2.0 design, Good typing feeling with painting and optimal travel distance. International language support. 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. 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	
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 over USB-C • USB charging 5 V; 3 A • DC-in port 5 or 9 or 15 or 20 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	
Sensors	Hall sensor	
System compliance	ENERGY STAR® EPEAT® registered	10
Warranty	One-year International Travelers Warranty (ITW)	
Quality and reliability tests	Military Reliability Test MIL total test 9 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: Sand and Dust (MIL-STD 810F) Military Reliability Test: Humidity (MIL-STD 810H) Military Reliability Test: Rain (MIL-STD 810H) Military Reliability Test: Transit Drop (Packaged) 122 cm (MIL-STD 810H)	
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.

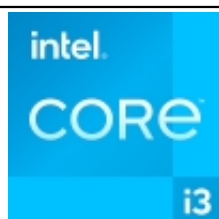
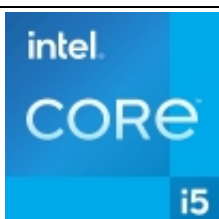
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As a phenomenon known to thin-film transistors (TFTs), liquid crystal displays (LCDs) commonly exhibit a small number of discoloration dots, as so-called "non-conforming pixels." This phenomenon is a limitation of TFT LCD technology, not a product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

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Appendix

v5-0-5 (Ver. 2)

About

Power adapter and battery and Battery's footnote

Operating system

System compliance

v6-0-6 (Ver. 3)

Quality and reliability tests

v7-0-6 (Ver. 4)

System compliance

v8-0-7 (Ver. 5)

Power adapter and battery and Battery's footnote

v9-0-7 (Ver. 6)

Power adapter and battery