



CB515-1W Specifications (v2-0-2)			
Category		Description	Footnotes
Operating system	1	Chrome OS with Chrome Enterprise Upgrade Chrome OS	
CPU and chipset	1	Intel® Pentium® Gold 7505 Processor (4 MB Smart Cache, 2.0 GHz with Turbo Boost up to 3.5 GHz, DDR4 or LPDDR4x) Intel® Core™ i3-1115G4 processor (6 MB Smart Cache, 3.0 GHz with Turbo Boost up to 4.1 GHz, DDR4 or LPDDR4x) Intel® Core™ i5-1135G7 processor (8 MB Smart Cache, 2.4 GHz with Turbo Boost up to 4.2 GHz, DDR4 or LPDDR4x, Intel® Iris® X ^e Graphics) Intel® Core™ i7-1165G7 processor (12 MB Smart Cache, 2.8 GHz with Turbo Boost up to 4.7 GHz, DDR4 or LPDDR4x, Intel® Iris® X ^e Graphics) Intel® Core™ i5-1145G7 processor (8 MB Smart Cache, 2.6 GHz with Turbo Boost up to 4.4 GHz, DDR4 or LPDDR4x, Intel® vPro™ Eligibility) Intel® Core™ i7-1185G7 processor (12 MB Smart Cache, 3.0 GHz with Turbo Boost up to 4.8 GHz, DDR4 or LPDDR4x, Intel® vPro™ Eligibility)	
Memory	1, 2, 3	Single-channel LPDDR4X SDRAM support <ul style="list-style-type: none"> • 4 GB of onboard LPDDR4X system memory Dual-channel LPDDR4X SDRAM support <ul style="list-style-type: none"> • 8 GB of onboard LPDDR4X system memory Dual-channel LPDDR4X SDRAM support <ul style="list-style-type: none"> • 16 GB of onboard LPDDR4X system memory 	
Display		15.6" Full HD 1920 x 1080, high-brightness Acer ComfyView™ LED-backlit TFT LCD 16:9 aspect ratio Ultra-slim design Mercury free, environment friendly	4
		15.6" display with IPS (In-Plane Switching) technology, Full HD 1920 x 1080, Acer ComfyView™ LED-backlit TFT LCD 16:9 aspect ratio, 45% NTSC color gamut Wide viewing angle up to 170 degrees Ultra-slim design Mercury free, environment friendly	4
Graphics	1	Intel® UHD Graphics , supporting OpenGL® 4.5, OpenCL™ 2.2, Microsoft® DirectX® 12	5
		Intel® Iris® X^e Graphics , supporting OpenGL® 4.5, OpenCL™ 2.2, Microsoft® DirectX® 12	5

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Audio		<ul style="list-style-type: none"> • DTS® Audio, featuring optimized bass / treble response and micro-speaker distortion prevention • Two built-in stereo speakers at any display modes by smart amplifier • Two built-in microphones • Google Assistant™ Lab Certification (ART)
Storage		<p>Solid state drive</p> <ul style="list-style-type: none"> • 128 GB, PCIe Gen3, 8 Gb/s, NVMe • 256 GB, PCIe Gen3, 8 Gb/s up to 4 lanes, NVMe • 512 GB, PCIe Gen3, 8 Gb/s up to 4 lanes, NVMe
Webcam	1	<p>Video conferencing</p> <p>HD webcam with:</p> <ul style="list-style-type: none"> • 1280 x 720 resolution • 720p HD audio/video recording • Super high dynamic range imaging (SHDR)
Wireless and networking	1	<p>WLAN</p> <ul style="list-style-type: none"> • Intel® Wireless Wi-Fi 6 AX201 • 802.11a/b/g/n/acR2+ax wireless LAN • Dual Band (2.4 GHz and 5 GHz) • 2x2 MU-MIMO technology • Supports Bluetooth® 5.1 • Wi-Fi CNVi Interface
Security		Fingerprint reader with on-chip matching design for Chrome OS Discrete H1 Trusted Platform Module (TPM) solution for Chromebook Kensington lock
Dimensions and weight	7, 8	<p>Dimensions</p> <ul style="list-style-type: none"> • 357.9 (W) x 240.5 (D) x 20.65/24.86 (H) mm (14.09 x 9.47 x 0.81/0.98 inches) <p>Weight</p> <ul style="list-style-type: none"> • 1.7 kg (3.75 lbs.) with 3-cell battery pack
Power adapter and battery		<p>Power adapter</p> <p>USB Type-C 45 W Google PD AC adapter:</p> <ul style="list-style-type: none"> • 95 (W) x 40 (D) x 26.5 (H) mm (3.74 x 1.57 x 1.04 inches) • 5 V / 3 A or 9 V / 3 A or 12 V / 3 A or 15 V / 3 A or 20 V / 2.25 A as output power • 200 g with 150 cm DC cable <p>Battery</p> <ul style="list-style-type: none"> • 56 Wh 3-cell Li-ion battery • Battery life up to 10 hours
Input and control		<p>Keyboard</p> <p>95-/96-/99-key FineTip keyboard with independent numeric keypad, international language support and power button</p> <p>95-/96-/99-key FineTip backlit keyboard with independent numeric keypad, international language support and power button</p> <p>TouchPad</p>

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	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
Input and output	USB Type-C™ port supporting: <ul style="list-style-type: none"> • 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; 45 W Two USB Type-C™ ports USB 3.2 Gen 1 Type-A port HDMI® port. microSD card (SDXC compatible) 3.5 mm headphone/speaker jack, supporting headsets with built-in microphone
System compliance	ENERGY STAR®
Warranty	One-year International Travelers Warranty (ITW)
Quality and reliability tests	Military Reliability Test: Mechanical Shock (Packaged), Transit Drop 122 cm (MIL-STD 810H) Military Reliability Test: Mechanical Shock (Unpackaged), Transit Drop 122 cm (MIL-STD 810H) Military Reliability Test: Vibration (MIL-STD 810H) Military Reliability Test: Humidity (MIL-STD 810H) Military Reliability Test: Rain (MIL-STD 810H) Military Reliability Test: Low Temperature (MIL-STD 810H) Military Reliability Test: High Temperature (MIL-STD 810H)
<ol style="list-style-type: none"> 1. Specifications vary depending on model. 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 Google according to this formula (the test loops and continues running until the battery is drained): The first 60% of the test period is 1) Browsing: A new web page is loaded every minute. The web page is scrolled down to the first “page fold” (the bottom of the part of a web page that is visible on an average screen – a depth of around 600 pixels) every 10 seconds, then scrolled back 	

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up at the same rate. The next 20% of the test period is 2) Email: Gmail is loaded in the foreground tab and audio is streamed from a background tab. The next 10% is 3) Documents: Various Google Docs are loaded. The final 10% is 4) Online Video: A full-screen 480p YouTube video is played.

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

v2-0-2 (Ver. 2)

Quality and reliability tests