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Acer Chromebook™ Spin 311





Product views	<ol style="list-style-type: none"> 1. Webcam 2. Microphone 3. 11.6" LCD display 4. Power button 	<ol style="list-style-type: none"> 5. Battery indicator 6. USB Type-C™ port 7. USB 3.1 Gen 1 port 8. Micro SD™ card slot 	<ol style="list-style-type: none"> 9. Headset/speaker jack 10. Keyboard 11. Touchpad 12. Speakers 13. Volume control key 14. USB 3.1 Gen 1 port 15. USB Type-C™ port 16. Kensington lock slot
Operating system¹	Chrome OS		
CPU and chipset¹	AMD A-Series processor A4-9120C		
Memory^{1, 2, 3}	Dual-channel DDR4 SDRAM support <ul style="list-style-type: none"> • 8 GB / 4 GB of onboard DDR4 memory 		
Display⁵	11.6" display with IPS (In-Plane Switching) technology, HD 1366 x 768 resolution, high-brightness, LED-backlit TFT LCD with integrated 10-finger touch <ul style="list-style-type: none"> • Wide viewing angle up to 170 degrees • 16:9 aspect ratio • Mercury free, environment friendly 		
Graphics¹	AMD Radeon™ R4		
Audio	High-definition audio support Two built-in stereo speakers Built-in microphone		
Storage⁶	<ul style="list-style-type: none"> • 32 GB eMMC 		
Webcam¹	HD camera with: <ul style="list-style-type: none"> • 1280 x 720 resolution • 720p HD audio/video recording • High dynamic range imaging (HDR) • 88 degree wide angle lens • Android Runtime for Chrome (ARC++) 		
Wireless and networking¹	WLAN <ul style="list-style-type: none"> • 802.11a/b/g/n/ac wireless LAN • Operates at 2.4 GHz and 5 GHz • 2x2 MU-MIMO technology 	WPAN <ul style="list-style-type: none"> • Bluetooth® 4.1 	
Security	Discrete H1 Trusted Platform Module (TPM) solution for Chromebook		
Dimensions and weight^{7, 8}	Dimensions: 296 (W) x 206 (D) x 23.5/23.5 (H) mm (11.65 x 8.11 x 0.93/0.93 inches) Weight: 1.35 kg (2.98 lbs.) with 3-cell battery pack		
Color options	Black		
Power adapter and battery⁹	Power adapter: USB Type-C 45 W Google PD AC adapter Battery: 48 Wh 4200 mAh 11.4 V 3-cell Li-ion battery pack Battery life up to 10 hours		
Input and control	Keyboard: 74-/75-/78-key Acer FineTip EDU anchored keyboard with international language support Touchpad: Fully clickable touchpad featuring click-anywhere functionality: One-finger touch to left-click; two-finger touch to right-click; two-finger scrolling * Moisture resistant		
System compliance	ENERGY STAR®		
Warranty	One-year International Travelers Warranty (ITW)		
Quality and reliability tests	Temperature and humidity Hinge life Weight and pressure Acoustics	Spillage Free drop Shock and vibration	Electrostatic discharge immunity Keyboard-switch life MTBF (mean time between failures)
Others	<ul style="list-style-type: none"> • Spill-resistant keyboard. Provides protection against up to 330 ml of water spillage 		
1.	Specifications vary depending on model.	7.	Minor variations in system dimensions are possible due to the manufacturing process.
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.	8.	Weight may vary depending on product configuration, vendor components, manufacturing variability, and selected options.
3.	Memory speed may vary, depending on the CPU, chipset or memory fitted.	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 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.
4.	A 64-bit operating system is required to enjoy the ultimate performance of 4 GB or higher memory.		
5.	All brands and product names mentioned herein include trademarks of their respective companies and are used solely to describe or identify the products.		
6.	1 GB is 1 billion bytes. Actual formatted capacity is less and may vary depending on preloaded materials and operating environment. Recovery Management uses a portion of the stated hard disk capacity as dedicated backup space.		

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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