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Acer Chromebook Spin 512

SPECIFICATIONS

Chromebook R857TN(-TCO)/R857LTN(-TCO)/R857T(-TCO)/R857LT(-TCO)



Product views	1. Webcam 2. Webcam shutter 3. Microphones 4. 12.2" display 5. HDMI 1.4 port with HDCP support	6. USB 3.2 Gen 1 Type-A port 7. USB Type-C™ port 8. Volume key 9. Power button 10. Touchpad	11. Service keyboard 12. 8M Webcam 13. Kensington lock slot (Nano type) 14. USB Type-C™ port as main charging port	15. USB 3.2 Gen 1 Type-A port / SIM card slot for LTE SKU 16. Headset/speaker jack 17. Battery indicator 18. Stylus (optional) 19. Speaker
Operating system ¹	ChromeOS ChromeOS with Chrome Education Upgrade			
CPU and chipset ¹	Intel® Processor N250 Intel® Processor N150			
Memory ^{1, 2, 3}	Single-channel LPDDR5X SDRAM support ● 8 GB of onboard LPDDR5X system memory		Single-channel LPDDR5 SDRAM support ● 4 GB of onboard LPDDR5 system memory	
Display ⁴	12.2" WUXGA 1920 x 1200 Resolution LED-backlit TFT IPS LCD with Integrated Multi-touch, supports 10-finger touch ● 16:10 Aspect Ratio ● Ultra-slim Design ● Mercury Free, Environment Friendly ● Antimicrobial Corning® Gorilla® Glass		12.2" WUXGA 1920 x 1200 Resolution LED-backlit TFT IPS LCD with Integrated Multi-touch, supports 10-finger touch ● 16:10 Aspect Ratio ● Ultra-slim Design ● Mercury Free, Environment Friendly ● Antimicrobial Corning® Gorilla® Glass ● USI2.0 stylus supportive (R857TN/R857LTN/R857LTN-TCO/R857TN-TCO)	
Graphics ^{1,5}	Intel® Graphics			
Audio	● Two built-in stereo speakers ● Two built-in microphones			
Storage ⁶	● 32 GB / 64 GB eMMC ● 128 GB eMMC ● 128 GB UFS			
Webcam ¹	UFC with: ● USB 6 mm HD camera ● Compatible with Chromebook only ● 1280 x 720 resolution ● 720p HD video at 30 fps with Temporal Noise Reduction	● Support ROI (region of interest) feature ● Blue Glass lens ● Dual Mic (33 mm + 33 mm) ● 78 x 6.1 x 3 mm	UFC with: ● USB 6 mm FHD camera ● Compatible with Chromebook only 1920 x 1080 resolution ● Support ROI (region of interest) feature	● Blue Glass lens ● Dual Mic (33 mm + 33 mm) ● 78 x 6.1 x 3 mm WFC with: ● MIPI 8M AF camera ● 3264 x 2448 resolution ● 8/M video at 30 fps ● 22.13 (L) x 8.5 (W) x 4.2 (H) 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 ● Support CNVi interface ● 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	WWAN ● LTE FDD: B1/B2/B3/B4/B5/B7/B8/B12/B13/B14/B17/B18/B19/B20/B25/B26/B28/B29/B30/B32/B66/B71 ● LTE TDD: B38/B39/B40/B41/B42/B43/B48 (CBRS) ● WCDMA/HSPA+: B1/B2/B4/B5/B6/B8/B19	● Support up to LTE Cat.6 ● LTE Data Rate: Maximum download 300 Mbps, upload 50 Mbps ● WCDMA Data Rate: Maximum download 384 kbps, upload 384 kbps ● DC-HSPA+: Maximum download 42 Mbps ● eSIM is included	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 ^{1,7,8}	Dimensions ● 294 (W) x 215 (D) x 19.5/20.7 (H) mm (11.57 x 8.46 x 0.77/0.81inches)		Weight ● 1.5 kg (3.31 lbs.) with 3-cell battery pack	
Power adapter and battery ^{1,9, 10,11,12}	Power adapter ● 3-pin 65 W PD PCR 50%, TCO 9.0 AC adapter with PS ● 3-pin 65 W PD PCR 50%, TCO 9.0 AC adapter		Battery: ● 53 Wh 3-cell Li-ion battery Supports Fast Charging technology For models with WUXGA Panel	Battery life: ● Up to 16 hours (based on video playback test results) ● Up to 20 hours (based on web browsing test results)
Input and control	Keyboard: ● 81-/82-/86-key ChromeOS FineTip EDU anchored frame, Quick Insert Key design, Vivaldi 2.0, Serviceable keyboard 2.5 with international language support Control Keys: ● Power button, Volume up and down keys		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	
System compliance ¹⁴	● ENERGY STAR		● EPEAT® registered ● TCO Certified (R857LTN-TCO/R857TN-TCO/R857TN-TCO)	

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. 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 clip format and features used. A battery's maximum capacity decreases with time and use. Battery life test configuration: Intel® Processor N150, Intel® Graphics, WUXGA, 4GB of LPDDR5 memory. Battery life test condition: LCD brightness 150 nits, connected headphones, WLAN off, Bluetooth off and faster 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 clip format and features used. A battery's maximum capacity decreases with time and use. Battery life test configuration: Intel® Processor N150, Intel® Graphics, WUXGA, 4GB of LPDDR5 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 Google Power Lead test v2.1.1. This test collects power data while browsing (scrolling up & down) cached sites in public Google Cloud Storage. 2) Video Playback: This test plays office video in fullscreen from random clips 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. © 2025. All rights reserved.
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