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Acer Chromebook Spin 512

SPECIFICATIONS

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



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|---|--|--|--|--|
| 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. 5M 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 system¹ | ChromeOS ChromeOS with Chrome Education Upgrade ChromeOS with Chrome Enterprise Upgrade | | | |
| CPU and chipset¹ | Intel® Processor N250 Intel® Processor N150 | | | |
| Memory^{1, 2, 3} | Single-channel LPDDR5X SDRAM support ● 8 GB / 4 GB of onboard LPDDR5X system memory | | | |
| Display⁴ | 12.2" WUXGA 1920 x 1200 Resolution LED-backlit TFT LCD with Integrated Multi-touch, ● 16:10 Aspect Ratio ● Ultra-slim Design ● Mercury Free, Environment Friendly ● Antimicrobial Corning® Gorilla® Glass | | | |
| Graphics⁵ | Intel® Graphics | | | |
| Audio | ● Two built-in stereo speakers ● Two built-in microphones | | | |
| Storage^{1, 6} | ● 32 / 64 GB eMMC ● 128 GB eMMC ● 128 GB UFS | | | |
| Webcam¹ | 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 |
| Wireless and networking⁷ | 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 | WLAN ● Supports Bluetooth® 5.2 or above ● Supports Bluetooth® 5.4 or above |
| Security | ● Discrete H1 Trusted Platform Module (TPM) solution for Chromebook ● Kensington lock (Nano-type) ● Camera shutter | | | |
| Dimensions and weight^{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 | | Battery: ● 53 Wh 3-cell Li-ion battery Supports Fast Charging technology For models with WUXGA Panel Battery life up to 10 hours | |
| Input and control | Keyboard: ● 81-/82-/86-key ChromeOS FineTip EDU anchored frame, Strauss design, Vivaldi 2.0, Serviceable keyboard 2.5 with 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 Control Keys: ● Power button, Volume up and down keys | | | |
| System compliance¹⁴ | ● ENERGY STAR® | | ● EPEAT® registered | |
| Warranty | One-year International Travelers Warranty (ITW) | | | |

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. Actual battery life may vary considerably by specifications, depending on product model, configuration, applications, power management settings, operating conditions, and features utilized. Performance variation also arises based on components in use, which includes but is not limited to the processor, RAM capacity, storage, display and resolution, etc.
10. EPEAT® registration varies by country. See <http://www.epeat.net/> for registration status for each country.

Note: This name is made up of the letters R, 8, 5, 7, T, N, L, T, N, T, C, O, which are the first letters of the model name. 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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