



CP514-5HN Specifications (v4-0-4)		
Category	Description	Footnotes
Operating system 1	ChromeOS	
CPU and chipset 1	MediaTek Kompanio Ultra 910 Octa-Core CPU • 1x Arm Cortex-X925, 2MB L2 cache, up to 3.62 GHz • 3x Arm Cortex-X4, 1MB L2 cache • 4x Arm Cortex-A720, 512KB L2 cache • 12MB L3 cache • 10MB SLC • MediaTek NPU 890 supporting Generative AI and Agentic AI up to 50 TOPS	
Memory 1, 2, 3	Single-channel LPDDR5X SDRAM support • 16 GB of onboard LPDDR5X system memory Single-channel LPDDR5X SDRAM support • 12 GB of onboard LPDDR5X system memory Memory Frequency : Up to 8533 MT/s	
Display	14.0" IPS display, WQXGA+ 2880 x 1800, high-brightness (340 nits) 16:10 aspect ratio, color gamut sRGB 100% with integrated multi-touch Wide viewing angle Mercury free, environment friendly 14.0" WUXGA 1920 x 1200 resolution LED-backlit IPS LCD with integrated multi-touch 16:10 aspect ratio, sRGB 100% Super-slim design Mercury free, environment friendly USI2.0 stylus supportive Corning® Gorilla® Glass	4 4
Graphics 1	Arm Immortalis-G925 MC11 Graphics Special Technology# • H.264/AVC, H.265/HEVC, VP9, AV1 Video decoding • H.264/AVC, H.265/HEVC Video Encode	
Audio	• DTS® Audio, featuring optimized bass / treble response and micro-speaker distortion prevention • Two built-in stereo speakers at any display modes • Two built-in microphones w/ AI Noise Cancellation	
Storage	• 128 GB UFS • 256 GB UFS	5
Webcam 1	Video conferencing UFC with • Double T-Type USB 5M Camera	

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		• Compatible with Chrome only • 2880 x 1800 Resolution • 1800p 5M Video at 30 FPS with Temporal Noise Reduction • Dual Mic (33 mm + 33 mm) • 86 x 3.2 (4.2) x 3 mm • Blue glass lens UFC with • Double T-Type USB FHD Camera • Compatible with Chromebook only • 1920 x 1080 resolution • 1080p video with Temporal Noise Reduction • Staggered High Dynamic Range (SHDR) • 86 x 3.2 (4.2) x 3 mm • Blue glass lens • Dual Mic (33 mm + 33 mm)
Wireless and networking	1	WLAN • 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® 5.4 or above
Color options		Platinum silver
Dimensions and weight	6, 7	Dimensions • 313 (W) x 232 (D) x 15.5 (H) mm (12.32 x 9.13 x 0.61 inches) Weight • 1.36 kg (3 lbs.) with 3-cell battery pack
Power adapter and battery		Power adapter 3-pin 100 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 • 108.0 (W) x 56.0 (D) x 26.5 (H) mm (4.25 x 2.20 x 1.04 inches) • 296 g ± 5% 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 • 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 Battery • 70 Wh 3-cell Li-ion battery

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	• For models with WUXGA Panel Battery life based on Power Qualification Test v2 for ChromeOS: Up to 14 hours (based on video playback test results) Up to 17 hours (based on web browsing test results) • 70 Wh 3-cell Li-ion battery • For models with WQXGA Panel Battery life based on Power Qualification Test v2 for ChromeOS: Up to 13 hours (based on video playback test results) Up to 15.5 hours (based on web browsing test results)	8
Input and control	Keyboard 80-/81-/84-key ChromeOS FineTip white backlight keyboard, Quick Insert Key, 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 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 12 or 15 or 20 V; 65 or 100 W Two USB Type-C™ ports USB Standard A Two USB Standard-A ports, supporting: • Two ports for USB 3.2 Gen 1 3.5 mm headphone/speaker jack, supporting headsets with built-in microphone	
Sensors	Hall sensor Accelerometer (G-sensor)	
System compliance	ENERGY STAR® EPEAT® registered	9
Warranty	One-year International Travelers Warranty (ITW)	
Quality and reliability tests	Military Reliability Test MIL total test 12 items as below. Military Reliability Test: Vibration Non-Operating (MIL-STD 810H) Military Reliability Test: Vibration Operating (MIL-STD 810H) Military Reliability Test: Crash Hazard Shock (MIL-STD 810H) Military Reliability Test: Transit Drop (Unpackaged) 122 cm (MIL-STD 810H) Military Reliability Test: Transit Drop (Packaged) 122 cm (MIL-STD 810H)	

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Military Reliability Test: Functional Shock (MIL-STD 810H) Military Reliability Test: Bench Handling (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) Military Reliability Test: Sand and Dust (MIL-STD 810F)	10
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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. 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.
6. Minor variations in system dimensions are possible due to the manufacturing process.
7. Weight may vary depending on product configuration, vendor components, manufacturing variability, and selected options.
8. 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.
9. EPEAT® registration varies by country. See <http://www.epeat.net/> for registration status for each country.
10. *MIL-STD 810G/H is a testing protocol conducted in controlled settings and does not guarantee future performance in all situations. Do not attempt to simulate these tests, as damage resulting from this will not be covered by Acer's standard warranty.*

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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to the research, design, marketing, sale, and support of products and solutions that break barriers between people and technology.
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Appendix

v2-0-2 (Ver. 2)

Webcam

v3-0-3 (Ver. 4)

Power adapter and battery

v4-0-4 (Ver. 5)

About