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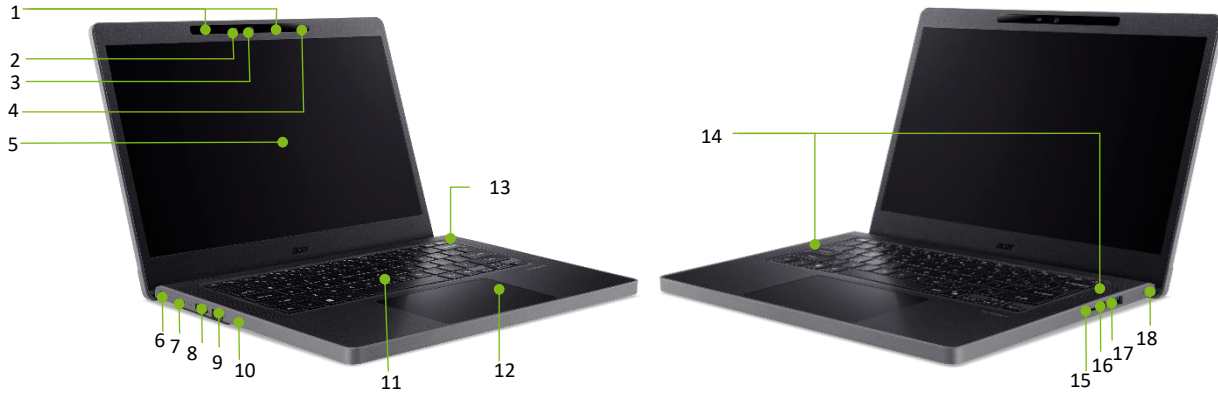


TravelMate B5 14

SPECIFICATIONS

TravelMate B5

B514-31-G2 / B514-31-G2-TCO



Product views	1. Microphones 2. Webcam shutter 3. Webcam 4. TOF Sensor (optional) 5. 14" display	6. DC-in jack 7. USB Type-C™ port 8. HDMI® 2.1 port with HDCP support 9. USB 3.2 Gen 1 Type-A port 10. Battery indicator	11. Keyboard 12. Touchpad 13. Power button 14. Speakers 15. MicroSD™ card slot	16. Headset/speaker jack 17. USB 3.2 Gen 1 Type-A port 18. Kensington lock slot
Operating system ¹	Windows 11 Pro (Acer recommends Windows 11 Pro for business.) Windows 11 Home			
CPU and chipset ¹	Intel® Core™ i3-N355 processor 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	14.0" Full HD 1920 x 1080, high-brightness Acer ComfyView™ LED-backlit TFT LCD ● 16:9 aspect ratio ● Ultra-slim design ● Mercury free, environment friendly		14.0" display with IPS (In-Plane Switching) technology, Full HD 1920 x 1080, high-brightness Acer ComfyView™ LED-backlit TFT LCD ● 16:9 aspect ratio, 45% NTSC color gamut ● Wide viewing angle up to 170 degrees ● Mercury free, environment friendly	
Graphics ⁵	Intel® Graphics			
Audio	● Acer PurifiedVoice technology with two built-in microphones. Features include far-field pickup, keystroke suppression, voice tracking, adaptive beam forming, voice recognition enhancement, three pre-defined modes: voice recognition, personal call, conference call ● Two built-in stereo speakers		● Acer TrueHarmony technology for lower distortion, wider frequency range, headphone-like audio and powerful sound ● Two built-in stereo speakers ● Certified for Microsoft Teams	
Storage ^{1, 6}	Solid state drive: ● 256 GB, PCIe Gen3, 8 Gb/s up to 2 lanes, NVMe ● 128 GB, PCIe Gen3, 8 Gb/s, NVMe ● 128 GB UFS ● 128 GB eMMC		Card reader: ● Supporting: SD™ Card	
Webcam ¹	UFC with: ● USB 6 mm HD camera ● Compatible with Windows only ● 1280 x 720 resolution ● 720p HD video at 30 fps with Temporal Noise Reduction ● Blue Glass lens ● Dual Mic (33 mm + 33 mm) ● 78 x 6.1 x 3 mm			
Wireless and networking ¹	WLAN: ● Intel® Wi-Fi 7 Wireless LAN ● 802.11 a/b/g/n/ac/ax/ae ● Band: 2.4 GHz, 5 GHz, and 6 GHz ● 2x2 MU-MIMO technology	● 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	WPAN: ● Supports Bluetooth® 5.4 or above for Wi-Fi 7 wireless card. ● Supports Bluetooth® 5.3 or above for Wi-Fi 6E wireless card.	
Security ¹	● Discrete Trusted Platform Module (TPM) solution ● BIOS user, supervisor passwords, ● Kensington lock slot		● Acer ProShield Plus Security Manager includes: (1) Data Protection: File & Folder Encryption and Decryption, Personal Security Drive (2) Data Removal: File Shredding (3) Security Alert: Invalid Access Alert, Security Report	
Dimensions and weight ^{1, 7, 8}	Dimensions ● 329.5 (W) x 231.8 (D) x 21.5/24.4 (H) mm (12.97 x 9.13 x 0.85/0.96 inches) with Plastic A Cover		Weight ● 1.65 kg (3.64 lbs.) with 3-cell battery pack	
Power adapter and battery ^{1, 9}	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 Full HD Panel + SSD	Battery life: (Subjected to change when real measured data available) ● Up to 7.5 hours (based on MobileMark® 2018 test results) ● Up to 13.5 hours (based on video playback test results) ● Up to 9.5 hours (based on web browsing test results)	
Input and control	Keyboard: ● 81-/82-/86-key Acer FineTip EDU anchored frame Serviceable keyboard 2.0 with international language support Control Keys: ● Copilot Key		Touchpad: ● Multi-gesture touchpad, supporting two-finger scroll; pinch; gestures to open Cortana, Action Center, multitasking; application commands (1) Microsoft Precision Touchpad certification (2) Moisture resistant (3) * OceanGlass™ Touchpad	
Windows Desktop Apps ¹⁰	● TravelMate Sense ● Acer User Sensing			
System compliance ¹¹	● ENERGY STAR® ● EPEAT® Gold			
Warranty	One-year International Travelers Warranty (ITW)			
1.	Specifications vary depending on model.		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.
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.		10.	Bundled software may vary depending on hardware configuration, OS and regional availability.
3.	Memory speed may vary, depending on the CPU, chipset or memory fitted.		11.	EPEAT® registration varies by country. See http://www.epeat.net/ for registration status for each country
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.			

Note: This specification is based on quick spec (ID:3016-1) provided by PM on 11/6

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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