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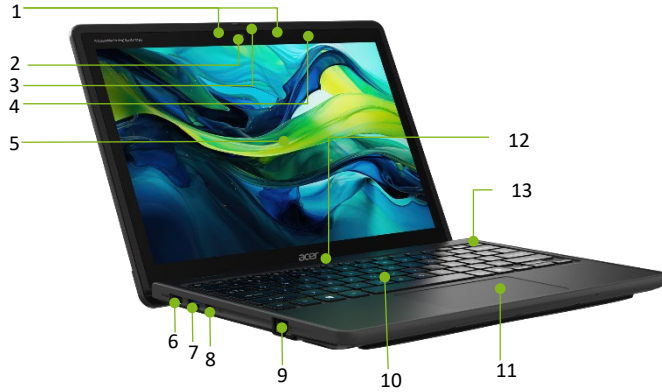


TravelMate B3 Spin 12

SPECIFICATIONS

TravelMate B3

B312R-31/B312RN-31/B312R-31-TCO/B312RN-31-TCO



Product views	1. Microphones 2. Webcam 3. Webcam shutter 4. TOF Sensor (optional) 5. 12.2" display	6. HDMI® 2.0b port with HDCP support 7. USB 3.2 Gen 1 Type-A port 8. USB Type-C™ port 9. Ethernet (RJ-45) port 10. Service keyboard	11. Touchpad 12. 5M Webcam 13. Power button 14. Kensington lock slot (Nano type) 15. USB Type-C™ port as main charging port	16. USB 3.2 Gen 1 Type-A port / SIM card slot for LTE SKU 17. Headset/speaker jack 18. Battery indicator 19. Stylus (optional) 20. Speaker
Operating system¹	Windows 11 Pro (Acer recommends Windows 11 Pro for business.) Windows 11 Home Windows 11 SE			
CPU and chipset¹	Intel® Processor N250 Intel® Processor N150			
Memory^{1,2,3}	Dual-channel LPDDR5 SDRAM support ● 8 GB / 4 GB of onboard LPDDR5 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		12.2" display with IPS (In-Plane Switching) technology, WUXGA 1920 x 1200 resolution, LED-backlit TFT LCD with integrated multi-touch ● Wide viewing angle ● 16:10 aspect ratio ● Mercury free, environment friendly ● Antimicrobial Corning® Gorilla® Glass ● Stylus support	
Graphics⁵	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 ● Built-in digital microphone on world facing camera (Optional) ● 128 GB / 256 GB, PCIe Gen4 16 GB/s up to 4 lanes, NVMe ● 128 GB UFS ● 128 GB / 64 GB eMMC		● 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}				
Webcam¹	UFC with: ● USB 6 mm FHD camera ● Compatible with Windows only ● 1920 x 1080 resolution ● 1080p HD video at 60 fps with Temporal Noise Reduction ● Dual Mic (33 mm + 33 mm) ● 76 x 6.1 x 3 mm ● Blue glass lens	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	Acer webcam with: ● 2560 x 1920 resolution ● 1080p Full HD audio/video recording ● Integrated USB 2.0 controller	
Wireless and networking¹	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	● 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	WPAN: ● Supports Bluetooth® 5.3 or above for Wi-Fi 6E wireless card. ● Supports Bluetooth® 5.4 or above for Wi-Fi 7 wireless card. ● Supports Bluetooth LE Audio (LC3).	LAN: ● Gigabit Ethernet
Security	● Discrete Trusted Platform Module (TPM) solution ● BIOS user, supervisor, HDD (OPAL) passwords ● Kensington lock (Nano-type) ● Camera shutter			
Dimensions and weight^{1,7,8}	Dimensions ● 296 (W) x 215 (D) x 19.9/21.5 (H) mm (11.65 x 8.46 x 0.78/0.85 inches)		Weight ● 1.45 kg (3.2 lbs.) with 3-cell battery pack	
Power adapter and battery^{1,9,10}	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 (subject to change)			
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 secure touchpad, supporting two-finger scroll; pinch; gestures to open Cortana, Action Center, multitasking; Fingerprint application commands (1) Microsoft Precision Touchpad certification (2) Windows Hello Certification (3) * OceanGlass™ Touchpad	
Windows Desktop Apps¹¹	● TravelMate Sense			
System compliance¹²	● ENERGY STAR® ● EPEAT® Gold		● TCO Certified ● Wi-Fi®	
Warranty	One-year International Travelers Warranty (ITW)			

Note: This specification is based on quick (ID:2982-4) (ID:2981-5) provided by PM on 10/11

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. Bundled software may vary depending on hardware configuration, OS and regional availability.
11. EPEAT® registration varies by country. See <http://www.epeat.net/> for registration status for each country
12. This device only supports 3 output displays.

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. © 2024. All rights reserved. Microsoft and Windows are registered trademarks of Microsoft Corporation. Arc, Arria, Celeron, Cyclone, eASIC, Intel Ethernet, Intel, the Intel logo, Intel AgileX, Intel Atom, Intel Core, Intel Evo, Intel Inside, the Intel Inside logo, Intel Optane, Intel vPro, Iris, Killer, MAX, Movidius, Pentium, Intel RealSense, Intel Select Solutions, Intel Si Photonics, Stratix, the Stratix logo, Tofino, UltraBook, Xen are trademarks of Intel Corporation or its subsidiaries.

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