



TravelMate Spin B3

Latest Intel® Processor¹

Military Standard (MIL-STD 810H) Durability²

Antimicrobial Corning® Gorilla® Glass^{3,4}

12 Hour Battery Life⁵



1. Specifications may vary depending on model and/or region.

2. Sand and Dust testing based on MIL-STD 810F.

3. All antimicrobial solutions including Antimicrobial Corning Gorilla Glass do not protect users or provide any direct or implied health-benefit.

4. Antimicrobial solution is optional and may vary depending on model and/or region.

5. Battery life varies depending on product model, configuration, power settings and usage, among other factors.



SPECIFICATIONS

TravelMate Spin B3

B311R-32 / B311RN-32



Product views	1. Webcam shutter 2. Microphones 3. Webcam 4. 11.6" display 5. DC-in jack 6. HDMI ¹ port	7. USB 3.2 Gen 1 port 8. USB Type-C™ port with DC-in (optional) 9. Headset/speaker jack 10. Battery indicator 11. Ethernet (RJ45) port	12. Webcam (optional) 13. Speakers 14. Keyboard 15. Touchpad 16. Kensington lock slot	17. USB 3.2 Gen 1 port 18. MicroSD™ card reader 19. SIM card slot (optional) 20. Stylus slot 21. Power button
Operating system^{1, 2}	Windows 10 Pro 64-bit (Acer recommends Windows 10 Pro for business.)		Windows 10 Home 64-bit	
CPU and chipset¹	Intel® Celeron® processor N4500	Intel® Celeron® processor N5100	Intel® Pentium® Silver N6000 processor	
Memory^{1, 3, 4, 5}	Dual-channel DDR4 SDRAM support: • 4 GB / 8 GB of onboard DDR4 system memory			
Display⁶	11.6" display with IPS (In-Plane Switching) technology, HD 1366 x 768 resolution, high-brightness, LED-backlit TFT LCD with integrated 10-finger touch (B311R-32) • Wide viewing angle • 16:9 aspect ratio • Mercury free, environment friendly	11.6" display with IPS (In-Plane Switching) technology, HD 1366 x 768 resolution, high-brightness, LED-backlit TFT LCD with integrated multi-touch, supporting AES Pen solution (B311-RN-32) • Wide viewing angle • 16:9 aspect ratio • Mercury free, environment friendly	11.6" display with IPS (In-Plane Switching) technology, Full HD 1920 x 1080 resolution, high-brightness, LED-backlit TFT LCD with integrated multi-touch, supporting AES Pen solution (B311RN-32) • Wide viewing angle • 16:9 aspect ratio • Mercury free, environment friendly	
Graphics⁷	Intel® UHD Graphics			
Audio	<ul style="list-style-type: none"> Acer Purified.Voice 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 Acer TrueHarmony technology for lower distortion, wider frequency range, headphone-like audio and powerful sound Two built-in stereo speakers 			
Storage^{1, 7}	Solid state drive: <ul style="list-style-type: none"> 128 GB / 64 GB eMMC 128 GB, PCIe Gen3, 8 Gb/s, NVMe 256 GB, PCIe Gen3, 8 Gb/s up to 4 lanes, NVMe 			
Webcam¹	HD webcam with: <ul style="list-style-type: none"> 1280 x 720 resolution 720p HD audio/video recording Super high dynamic range imaging (SHDR) Camera shutter cover 	Acer webcam with: <ul style="list-style-type: none"> 2560 x 1920 resolution 1080p Full HD audio/video recording Integrated USB 2.0 controller 	FHD webcam with: <ul style="list-style-type: none"> CKFH22 (USB FHD camera) 1920 x 1080 resolution with HDR 1080p HD video at 60 fps Dual Mic distance 54 mm 66 x 6.1 x 3 mm 	
Wireless and networking¹	WWAN: <ul style="list-style-type: none"> LTE FDD: B1/B3/B7/B8/B20/B28 LTE TDD: B38/B41 WCDMA/HSPA+: B1/B8 Supports up to LTE Cat.4 Maximum download 150 Mbps, upload 50 Mbps. Supports Text Message (SMS) eSIM (selected models) 	WLAN: <ul style="list-style-type: none"> Intel® Wireless Wi-Fi 6 AX201 802.11a/b/g/n/ac/ax wireless LAN Dual Band (2.4 GHz and 5 GHz) 2x2 MU-MIMO technology Supports Bluetooth® 5.1 	<ul style="list-style-type: none"> Wi-Fi CNVI Interface Intel® Wireless-AC 9560, 802.11a/b/g/n/ac wireless LAN Dual Band (2.4 GHz and 5 GHz) 2x2 MU-MIMO technology Supports Bluetooth® 5.0 	
Security	<ul style="list-style-type: none"> Discrete Trusted Platform Module (TPM) solution BIOS user, supervisor passwords, Kensington lock slot 		<ul style="list-style-type: none"> Acer ProShield Plus Security Manager includes: <ul style="list-style-type: none"> (1) Data Protection: File Encryption and Decryption, Personal Secure Drive (2) Data Removal: File Shredder 	
Dimensions and weight^{1, 8, 9}	Dimensions: <ul style="list-style-type: none"> 295 (W) x 216.9 (D) x 20.9 (H) mm (11.61 x 8.54 x 0.82 inches) 		Weight: <ul style="list-style-type: none"> 1.5 kg (3.31 lbs.) with 3-cell battery pack 	
Power adapter and battery^{1, 10}	Power adapter: <ul style="list-style-type: none"> 3-pin 45 W AC adapter USB Type-C 45 W PD AC adapter 		Battery: <ul style="list-style-type: none"> 48 Wh 3-cell Li-ion battery 36.7 Wh 2-cell Li-ion battery 	
Input and control	Keyboard: 81-/82-/86-key Acer FineTip EDU anchored keyboard with international language support Touchpad: Multi-gesture touchpad, supporting two-finger scroll; pinch; gestures to open Cortana, Action Center, multitasking; application commands <ul style="list-style-type: none"> Microsoft Precision Touchpad certification Moisture resistant 			
Windows Desktop Apps¹¹	Quick Access	Acer Control Center	Acer Product Registration	
Options and accessories	<ul style="list-style-type: none"> SIM Card Tray Ejector Pin Acer Active Pen (B311RN-32) 		<ul style="list-style-type: none"> Support Add-on features for Acer Type-C Dock II (ADK810) Support Acer USB Type-C Dock II (ADK810) 	
System compliance¹³	Wi-Fi [†]		ENERGY STAR [†]	
Warranty	One-year International Travelers Warranty (ITW)			
Quality and reliability tests	Temperature and humidity Hinge life Weight and pressure Acoustics Spillage Free drop Shock and vibration	Electrostatic discharge immunity Keyboard-switch life MTBF (mean time between failures) Military Reliability Test: Mechanical Shock (Packaged), Transit Drop 122 cm (MIL-STD 810H) Military Reliability Test: Sand and Dust (MIL-STD 810F) Military Reliability Test: Humidity (MIL-STD 810H) Military Reliability Test: Rain (MIL-STD 810H)	Electrostatic discharge immunity Military Reliability Test: Low Temperature (MIL-STD 810H) Military Reliability Test: High Temperature (MIL-STD 810H) Spill resistant keyboard (330 ml) Military Reliability Test: Mechanical Shock (Unpackaged), Transit Drop 122 cm (MIL-STD 810H) Military Reliability Test: Vibration (MIL-STD 810H)	

1. Specifications vary depending on model.
 2. 64-bit software is required to enjoy the advantages of 64-bit processing.
 3. 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.
 4. Memory speed may vary, depending on the CPU, chipset or memory fitted.
 5. A 64-bit operating system is required to enjoy the ultimate performance of 4 GB or higher memory.
 6. All brands and product names mentioned herein include trademarks of their respective companies and are used solely to describe or identify the products.
 7. 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.
 8. Minor variations in system dimensions are possible due to the manufacturing process.
 9. Weight may vary depending on product configuration, vendor components, manufacturing variability, and selected options.
 10. Listed battery life is based on MobileMark 2014[†] productivity mode testing with wireless on. Details of MobileMark 2014 testing are available at www.bapco.com. Battery life rating is for comparison purposes only. Actual battery life varies by model, configuration, application, power management settings, operating conditions, and features used. A battery's maximum capacity decreases with time and use.
 11. EPEAT[†] registration varies by country. See <http://www.epeat.net/> for registration status for each country.
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 13. 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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About Acer
 Founded in 1976, Acer is now one of the world's top ICT companies and has a presence in over 160 countries. As Acer looks into the future, it is focused on enabling a world where hardware, software and services will fuse with one another to open up new possibilities for consumers and businesses alike. From service-oriented technologies to the Internet of Things to gaming and virtual reality, Acer's 7,000+ employees are dedicated to the research, design, marketing, sale, and support of products and solutions that break barriers between people and technology. Please visit www.acer.com for more information.



Antimicrobial Screen



MIL-STD 810H Certified



Resolution



Wi-Fi 6 Wireless Connection



Spill-resistant keyboard



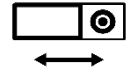
Easy Fix Keyboard



Acer Active Stylus
(Optional)



5.0MP World Facing Camera
(Optional)



Camera Shutter

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.

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