

acer



TravelMate Spin B3

Windows 10



MIL-STD 810G
Compliant



Spill-resistant
keyboard



802.11ac
Wireless
connection



Wide Field of View



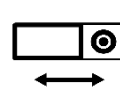
Resolution



Keyboard with
Mechanically
Anchored Key



Wacom®
(Optional)



Camera Shutter

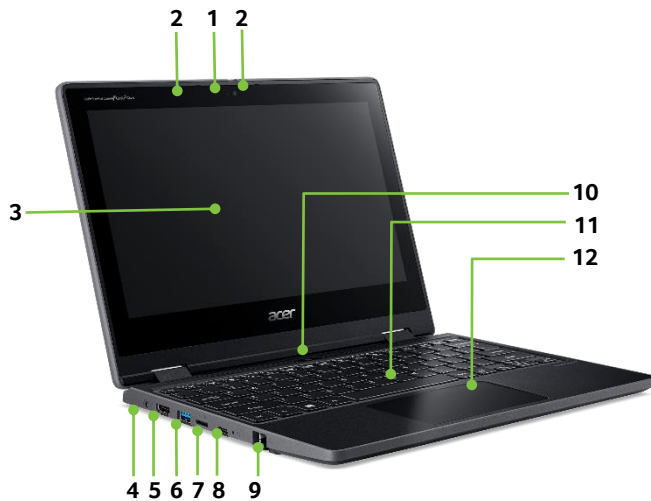


Battery life

SPECIFICATIONS

TravelMate Spin B3

B311R-31 / B311RN-31



Product views	<div><div>1. Webcam</div><div>2. Microphones</div><div>3. 11.6" display</div><div>4. DC-in jack</div><div>5. HDMI® port</div></div> <div><div>6. USB port</div><div>7. MicroSD card reader</div><div>8. USB Type-C™ port</div><div>9. Ethernet port</div><div>10. Webcam (Optional)</div></div> <div><div>11. Keyboard</div><div>12. Touchpad</div><div>13. Kensington lock slot</div><div>14. USB port</div></div> <div><div>15. Headset/speaker jack</div><div>16. Power button</div><div>17. Stylus slot (Optional)</div><div>18. Webcam shutter</div></div>		
Operating system ^{1,2}	Windows 10 Pro 64-bit (Acer recommends Windows 10 Pro for business.)		Windows 10 Home 64-bit
CPU and chipset ¹	Intel® Celeron® dual-core processor N4020 Intel® Celeron® quad-core processor N4120		Intel® Pentium® Silver N5030 processor
Memory ^{1,3,4,5}	Dual-channel DDR4 SDRAM support: <ul style="list-style-type: none">4 GB of onboard DDR4 system memory8 GB of onboard DDR4 system memory		
Display ⁶	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 <ul style="list-style-type: none">Wide viewing angle16:9 aspect ratioMercury 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 <ul style="list-style-type: none">Wide viewing angle16:9 aspect ratioMercury free, environment friendly
Graphics	Intel® UHD Graphics 600		Intel® UHD Graphics 605
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 callBuilt-in digital microphone on world facing camera (Optional)Acer TrueHarmony technology for lower distortion, wider frequency range, headphone-like audio and powerful soundTwo built-in stereo speakersCertified for Microsoft Teams		
Storage ^{1,7}	Solid state drive: <ul style="list-style-type: none">128 GB, PCIe Gen3, 8 Gb/s, NVMe256 GB, PCIe Gen3, 8 Gb/s up to 4 lanes, NVMe64 GB /128 GB eMMC		Card reader: <ul style="list-style-type: none">Supporting: Micro SD™ Card
Webcam ¹	HD webcam with: <ul style="list-style-type: none">1280 x 720 resolution720p HD audio/video recordingSuper high dynamic range imaging (SHDR)Camera shutter cover		Acer webcam with: <ul style="list-style-type: none">2560 x 1920 resolution1080p Full HD audio/video recording
Wireless and networking ¹	WLAN: <ul style="list-style-type: none">Intel® Wireless-AC 9560, 802.11a/b/g/n/ac wireless LANDual Band (2.4 GHz and 5 GHz)2x2 MU-MIMO technologySupports Bluetooth® 5.0		LAN: <ul style="list-style-type: none">Gigabit Ethernet, Wake-on-LAN ready
Security	<ul style="list-style-type: none">Discrete Trusted Platform Module (TPM) solutionBIOS user, supervisor passwords,Kensington lock slot		
Dimensions and weight ^{1,8,9}	Dimensions: 295 (W) x 215 (D) x 20.99 (H) mm (11.61 x 8.46 x 0.83 inches)		Weight: 1.49 kg (2.2 lbs.) with 3-cell battery pack
Power adapter and battery ^{1,10}	Power adapter: 3-pin 45 W AC adapter: 94 (W) x 39 (D) x 26.5 (H) mm (3.70 x 1.54 x 1.04 inches) 142 g with 150 cm DC cable		Battery 48 Wh 3-cell Li-ion battery, battery life up to 12 hours
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 certificationMoisture resistant		
Windows Desktop Apps ¹¹	<ul style="list-style-type: none">Acer CollectionQuick Access	<ul style="list-style-type: none">Acer Control CenterAcer Product Registration	<ul style="list-style-type: none">Acer Proshield
System compliance ¹²	<ul style="list-style-type: none">Wi-Fi®	<ul style="list-style-type: none">ENERGY STAR®	<ul style="list-style-type: none">EPEAT® registered
Warranty	One-year International Travelers Warranty (ITW)		
<div><div><div>1. Specifications vary depending on model.</div><div>2. 64-bit software is required to enjoy the advantages of 64-bit processing.</div><div>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.</div><div>4. Memory speed may vary, depending on the CPU, chipset or memory fitted.</div><div>5. A 64-bit operating system is required to enjoy the ultimate performance of 4 GB or higher memory.</div><div>6. All brands and product names mentioned herein include trademarks of their respective companies and are used solely to describe or identify the products.</div><div>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.</div></div><div><div>8. Minor variations in system dimensions are possible due to the manufacturing process.</div><div>9. Weight may vary depending on product configuration, vendor components, manufacturing variability, and selected options.</div><div>10. The listed battery life is tested by Google according to this formula (the test loops and continues running until the battery is drained): The first 60% of the test period is 1) Browsing: A new web page is loaded every minute. The web page is scrolled down to the first "page fold" (the bottom of the part of a web page that is visible on an average screen – a depth of around 600 pixels) every 10 seconds, then scrolled back up at the same rate. The next 20% of the test period is 2) Email: Gmail is loaded in the foreground tab and audio is streamed from a background tab. The next 10% is 3) Documents: Various Google Docs are loaded. The final 10% is 4) Online Video: A full-screen 480p YouTube video is played.</div><div>11. Bundled software may vary depending on hardware configuration, OS and regional availability.</div><div>12. EPEAT® registration varies by country. See http://www.epeat.net/ for registration status for each country.</div></div></div>			

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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