



TravelMate B311-33 (Win11) Specifications (v17-0-12)			
Category		Description	Footnotes
Operating system	1	Windows 11 Pro (Acer recommends Windows 11 Pro for business.) Windows 11 Home Windows 11 SE	
CPU and chipset	1	Intel® Processor N200 (6 MB Smart Cache, 1.0 GHz with Intel® Turbo Boost Technology 2.0 up to 3.7 GHz) Intel® Processor N100 (6 MB Smart Cache, 0.8 MHz with Intel® Turbo Boost Technology 2.0 up to 3.4 GHz)	
Memory	1, 2, 3	Single-channel LPDDR5 SDRAM support <ul style="list-style-type: none"> • 8 GB of onboard LPDDR5 system memory Single-channel LPDDR5 SDRAM support <ul style="list-style-type: none"> • 4 GB of onboard LPDDR5 system memory Memory Frequency : Up to 4800 MT/s	
Display		11.6" HD 1366 x 768 resolution, high-brightness Acer ComfyView™ LED-backlit TFT LCD 16:9 aspect ratio, ultra-slim design Mercury free, environment friendly 11.6" display with IPS (In-Plane Switching) technology, HD 1366 x 768, high-brightness Acer ComfyView™ LED-backlit TFT LCD 16:9 aspect ratio Wide viewing angle up to 170 degrees Mercury free, environment friendly	4
Graphics		Intel® UHD Graphics Graphics Special Technology# <ul style="list-style-type: none"> • OpenGL® 4.6 • OpenCL® 3.0 • Microsoft® DirectX® 12 • Vulkan 1.2 	5
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		Solid state drive <ul style="list-style-type: none"> • 256 GB, PCIe Gen3, 8 Gb/s up to 2 lanes, NVMe • 128 GB, PCIe Gen3, 8 Gb/s, NVMe 	1, 6 1, 6

TravelMate B311-33 (Win11) Specifications (v17-0-12)			
		<ul style="list-style-type: none"> • 128 GB eMMC • 64 GB eMMC Card reader <ul style="list-style-type: none"> • Supporting: SD™ Card 	6 6
Webcam	1	Video conferencing UFC with <ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • 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® 5.3 or above	
Security		Acer ProShield Plus security manager includes: <ul style="list-style-type: none"> • Data Protection: File & Folder Encryption and Decryption, Personal Security Drive • Data Removal: File Shredding • Security Alert: Invalid Access Alert, Security Report Discrete Trusted Platform Module (TPM) solution BIOS user, supervisor passwords, Kensington lock slot	1
Dimensions and weight	1, 7, 8	Dimensions <ul style="list-style-type: none"> • 290.8 (W) x 211.45 (D) x 20.75 (H) mm (11.45 x 8.32 x 0.82 inches) with Plastic A Cover Weight <ul style="list-style-type: none"> • 1.4 kg (3.09 lbs.) with 3-cell battery pack 	
Power adapter and battery	1	Power adapter USB Type-C 45 W PD AC adapter: <ul style="list-style-type: none"> • 95 (W) x 40 (D) x 26.5 (H) mm (3.74 x 1.57 x 1.04 inches) • 5 V / 3 A or 9 V / 3 A or 12 V / 3 A or 15 V / 3 A or 20 V / 2.25 A as output power • 200 g with 150 cm DC cable 3-pin 45 W AC adapter: <ul style="list-style-type: none"> • 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	

TravelMate B311-33 (Win11) Specifications (v17-0-12)		
	<ul style="list-style-type: none"> • 50 Wh 3-cell Li-ion battery • For models with HD Panel Battery life: Up to 9.5 hours (based on MobileMark® 2018 test results)	9
Input and control	Keyboard 81-/82-/86-key Acer FineTip EDU anchored frame Serviceable keyboard 2.0 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 • OceanGlass™ Touchpad 	
Input and output	USB Type-C USB Type-C™ port supporting: <ul style="list-style-type: none"> • USB 3.2 Gen 1 (up to 5 Gbps) • USB charging 5 V; 3 A • DC-in port 20 V; 45 W USB Standard A Two USB Standard-A ports, supporting: <ul style="list-style-type: none"> • Two ports for USB 3.2 Gen 1 HDMI® 2.1 port with HDCP support microSD™ Card reader 3.5 mm headphone/speaker jack, supporting headsets with built-in microphone	
Sensors	Time-of-Flight (ToF) Laser-Ranging Sensor	
Software	10 In-House <ul style="list-style-type: none"> • Acer Control Center • Acer Product Registration • Quick Access Security <ul style="list-style-type: none"> • Acer User Sensing 	
Options and accessories	Accessory Acer USB-A to Giga LAN Cable <ul style="list-style-type: none"> • Dimension: 60 (W) x 27 (D) x 16 (H) mm • Cable Length: 100 mm • Lan Speed: support 10/100/1000 Mbps • MAC Address Pass through • Wake-on-Lan (MS, S4), not support WOL(S4) on Windows 10 • PXE Boot Support Acer USB Type-C Dock II (ADK810) <ul style="list-style-type: none"> • Dimension: 204 (W) x 87 (D) x 23.9 (H) mm (8.03 x 3.42 x 0.94 inches) • Weight: 250 g (0.55 lbs) 	3

TravelMate B311-33 (Win11) Specifications (v17-0-12)

	<ul style="list-style-type: none"> · Supporting up to three displays (one DP 1.2, two HDMI 2.0) with OS driver installed · One USB Type-C upstream port to host · One USB Type-C downstream port for device (data only) · Three USB 3.1 (one BC1.2) ports · Ethernet (RJ45) port · Up to 60 W power supply delivering to system · Audio Combo Jack · 1 m USB Type-C cable · Vertical mode with stand · VESA mount mode <p>Support Add-on features for Acer Type-C Dock II (ADK810)</p> <ul style="list-style-type: none"> · MAC address pass-through to Dock (for laptop with LAN chip) · Power button mirrors the host's · Wake-on-LAN from Sleep/Hibernate/Off mode · PXE boot via Dock LAN port · LED behavior aligned with the host power status <p>Support Acer USB Type-C Dock III (ADK930)</p> <ul style="list-style-type: none"> · Dimension: 190 (W) x 85.3 (D) x 26.7 (H) mm (7.48 x 3.36 x 1.05 inches) · Weight: 233 g (0.52 lbs) · Supporting up to three video port (two DP 1.2, one HDMI 2.0), external display number by condition · One USB Type-C upstream port to host · One USB Type-C downstream port for device (data only) · Three USB 3.1 (one BC1.2) ports · Ethernet (RJ45) port · Up to 85 W power supply delivering to system · Audio Combo Jack · 1 m USB Type-C cable · Vertical mode with stand · VESA mount mode <p>Support Add-on features for Acer Type-C Dock III (ADK930)</p> <ul style="list-style-type: none"> · MAC address pass-through to Dock (for host MAC address) · Wake-on-LAN from Sleep mode · PXE boot via Dock LAN port 	
System compliance	ENERGY STAR® EPEAT® registered	11
Warranty	One-year International Travelers Warranty (ITW)	
Quality and reliability tests	<p>Military Reliability Test</p> <p>MIL total test items as below.</p> <p>Military Reliability Test: Sand and Dust (MIL-STD 810H)</p> <p>Military Reliability Test: Mechanical Shock, Transit Drop (Packaged) 122 cm (MIL-STD 810H)</p>	

TravelMate B311-33 (Win11) Specifications (v17-0-12)

	<p>Military Reliability Test: Mechanical Shock, Transit Drop (Unpackaged) 122 cm (MIL-STD 810H)</p> <p>Military Reliability Test: Vibration (MIL-STD 810H)</p> <p>Military Reliability Test: Humidity (MIL-STD 810H)</p> <p>Military Reliability Test: Rain (MIL-STD 810H)</p> <p>Military Reliability Test: Low Temperature (MIL-STD 810H)</p> <p>Military Reliability Test: High Temperature (MIL-STD 810H)</p> <p>Military Reliability Test: Functional Shock (MIL-STD 810H)</p> <p>Military Reliability Test: Bench Handling (MIL-STD 810H)</p> <p>Temperature and humidity</p> <p>Hinge life</p> <p>Weight and pressure</p> <p>Acoustics</p> <p>Spillage</p> <p>Free drop</p> <p>Shock and vibration</p> <p>Electrostatic discharge immunity</p> <p>Keyboard-switch life</p> <p>MTBF (mean time between failures)</p>	12
Others	<ul style="list-style-type: none"> • Spill-resistant keyboard. Provides protection against up to 330 ml of water spillage. • Power LED indicator • Reset hole 	

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.

TravelMate B311-33 (Win11) Specifications (v17-0-12)

12. 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.

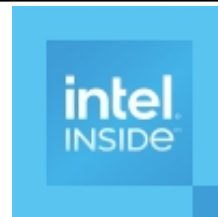
Microsoft and Windows are registered trademarks of Microsoft Corporation.

© 2025. All rights reserved.

3D XPoint, Agilix, Altera, Arc, Arria, Avalon, Axxia, Barefoot Networks, the Barefoot logo, the Foolsie logo, Celeron, Cyclone, Docea, DoubleShot, eASIC, easicopy, FlexRAN, Gaudi, Granulate, Hyperflex, Intel, the Intel logo, Intel Adaptix, Intel Agilix, Intel Atom, Intel CoFluent, Intel Core, Intel Evo, Intel Geti, Intel Inside, the Intel Inside logo, Intel Optane, Intel RealSense, Intel SpeedStep, Intel Tiger, Intel Unison, Intel vPro, Iris, Killer, Linutronix, MAX, Movidius, Myriad, Nios, OmniBridge, OpenVINO, the OpenVINO logo, Pentium, Quartus, Simics, SmartByte, SoftSilicon, Sound Mark, StarPro, Stay With It, the Engineering Stay With It logo, Stratix, the Stratix logo, The Journey Inside, Thunderbolt, the Thunderbolt logo, Tofino, Ultrabook, VTune, and Xeon are trademarks of Intel Corporation or its subsidiaries.

About Acer

Founded in 1976, Acer is one of the world's top ICT companies with a presence in more than 160 countries. As Acer evolves with the industry and changing lifestyles, it is focused on enabling a world where hardware, software and services will fuse with one another, creating ecosystems and opening up new possibilities for consumers and businesses alike. Acer's 7,500 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.



TravelMate B311-33 (Win11) Specifications (v17-0-12)



Appendix

v3-0-2 (Ver. 2)

Input and control

v5-0-4 (Ver. 3)

Storage

Operating system

v6-0-5 (Ver. 4)

Display

v7-0-6 (Ver. 5)

No changes found!

v8-0-6 (Ver. 6)

Wireless and networking

v10-0-8 (Ver. 7)

About

Options and accessories

v11-0-9 (Ver. 8)

Webcam

Options and accessories

v12-0-10 (Ver. 9)

Quality and reliability tests

v13-0-10 (Ver. 10)

Wireless and networking

v14-0-11 (Ver. 11)

About

Wireless and networking

v15-0-11 (Ver. 12)

Wireless and networking

Security

v16-0-11 (Ver. 13)

System compliance

v17-0-12 (Ver. 14)

Optical media drive

About

Memory