TravelMate P216-51G Specifications (v5-0-5)

Category	Description	Footnotes
Operating system [1]	Windows 11 Pro (Acer recommends Windows 11 Pro for business.) Windows 11 Home	
CPU and chipset [1]	**Intel® Core™ i7-1365U** processor (12 MB Smart Cache, 1.8 GHz Performance-core with Intel® Turbo Boost Technology 2.0 up to 5.2 GHz, Intel® vPro™ Eligibility), supporting hybrid core architecture with Performance-core and Efficient-core **Intel® Core™ i7-1355U** processor (12 MB Smart Cache, 1.7 GHz Performance-core with Intel® Turbo Boost Technology 2.0 up to 5.0 GHz), supporting hybrid core architecture with Performance-core and Efficient-core **Intel® Core™ i5-1345U** processor (12 MB Smart Cache, 1.6 GHz Performance-core with Intel® Turbo Boost Technology 2.0 up to 4.7 GHz, Intel® vPro™ Eligibility), supporting hybrid core architecture with Performance-core and Efficient-core **Intel® Core™ i5-1335U** processor (12 MB Smart Cache, 1.3 GHz Performance-core with Intel® Turbo Boost Technology 2.0 up to 4.6 GHz), supporting hybrid core architecture with Performance-core and Efficient-core **Intel® Core™ i3-1315U** processor (10 MB Smart Cache, 1.2 GHz Performance-core with Intel® Turbo Boost Technology 2.0 up to 4.5 GHz), supporting hybrid core architecture with Performance-core and Efficient-core	
Memory [1, 2, 3]	Dual-channel DDR4 SDRAM support: • Up to 16 GB of DDR4 system memory, upgradable to 32 GB using two soDIMM modules Memory Frequency : Up to 3200 MT/s	3, 4
Display	16.0" display with IPS (In-Plane Switching) technology, WUXGA 1920 x 1200, Acer ComfyView™ LED-backlit TFT LCD 16:10 aspect ratio, color gamut NTSC 45% Wide viewing angle up to 170 degrees Mercury free, environment friendly	5
Graphics	**NVIDIA® GeForce RTX™ 2050** with 4 GB of dedicated GDDR6 VRAM,	
Audio	• DTS® Audio, featuring optimized bass response and micro-speaker distortion prevention • Acer Purified.Voice technology with AI noise reduction in dual built-in microphones. Features include far-field pickup, dynamic noise	

	reduction through neural network, adaptive beam forming, and pre-defined personal and conference call modes. • Acer TrueHarmony technology for lower distortion, wider frequency range, headphone-like audio and powerful sound	
Storage	**Solid state drive** • SSD slot: 2 • 256 GB / 512 GB / 1 TB, PCIe Gen4, 16 Gb/s, NVMe **Hard disk drive** • Optional 2nd HDD 1 TB, 2.5-inch 5400 RPM	1, 6 1, 6
Webcam 1	**Video conferencing** UFC with • T-Type USB FHD camera + IR camera • Compatible with Windows • 1920 x 1080 resolution • 1080p HD video at 60 fps with Temporal Noise Reduction • Dual Mic (33 mm + 33 mm) • 78 x 3.2 (5.2) x 3 mm UFC with • T-Type HD camera • Compatible with Windows • 1280 x 720 resolution • 720p HD video at 30 fps with Temporal Noise Reduction • Blue Glass lens • Knowles Dual Mic (33 mm + 33 mm) • 78 x 3.2 (5.2) x 3 mm	
Wireless and networking 1	**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 • Support Bluetooth® 5.1 or above • Support vPro • 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 Bluetooth® 5.1 or above • Support CNVi interface **WWAN** • LTE FDD: B1/B2/B3/B4/B5/B7/B8/B12/B13/B14/B17/B18/B19/B20/B25/B26/B28/B29/B30/B32/B66/B71 • LTE TDD: B34/B38/B39/B40/B41/B42/B43/B46/B48 • WCDMA/HSPA+: B1/B2/B3/B4/B5/B6/B8/B19 • Support up to LTE Cat.6	

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	• LTE Data Rate: Maximum download 300 Mbps, upload 50 Mbps • WCDMA Data Rate: Maximum download 384 kbps, upload 385 kbps • DC-HSPA+: Maximum download 42 Mbps • eSIM is included **LAN** • Gigabit Ethernet	
Security	Acer ProShield Plus security manager includes: • Data Protection: File & Folder Encryption and Decryption, Personal Security Drive • Data Removal: File Shredding • Security Alert: Invalid Access Alert, Security Report Acer Bio-Protection fingerprint solution, featuring computer protection and Windows Hello Certification Discrete Trusted Platform Module (TPM) solution BIOS user, supervisor, HDD passwords Kensington lock slot	
Dimensions and weight [1, 7, 8]	**Dimensions** • 358.5 (W) x 260 (D) x 19.9/22.9 (H) mm (14.11 x 10.24 x 0.78/0.9 inches) with Plastic A Cover **Weight** • 1.93 kg (4.25 lbs.) with 3-cell battery pack, one SSD	
Power adapter and battery [1]	**Battery** • 65 Wh 4-cell Li-ion battery • Supports Fast Charging technology (for models with Full HD Panel + SSD) • 65 Wh 3-cell Li-ion battery • Supports Fast Charging technology (for models with Full HD Panel + SSD) • 50 Wh 3-cell Li-ion battery (for models with Full HD Panel + SSD) **Power adapter** 3-pin 90 W AC adapter • 126.5 (W) x 50 (D) x 30 (H) mm (4.98 x 1.96 x 1.18 inches) • 330 g (0.726 lbs) with 180 cm DC cable	[9]
Input and control	**Keyboard** 99-/100-/103-key Acer keyboard layout with international language support including indicators of CapsLock and F4/Microphone mute 99-/100-/103-key Acer backlit keyboard with international language support, with indicators of CapsLock and F4/Microphone mute **TouchPad** Multi-gesture touchpad, supporting two-finger scroll; pinch; gestures to open Cortana, Action Center, multitasking; application commands • Microsoft Precision Touchpad certification • Moisture resistant	

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	• OceanGlass™ Touchpad Multi-gesture secure touchpad, supporting two-finger scroll; pinch; gestures to open Cortana, Action Center, multitasking; Fingerprint application commands • Windows Hello Certification • Microsoft Precision Touchpad certification (Notes: Spill Resistant Keyboard based on MIL-STD-810H Method 506.6 Procedure III Drip test)	
Input and output	**USB Type-C** USB Type-C™ port supporting: • USB4® 40Gbps • Thunderbolt™ 4 • USB charging 5 V; 3 A • DC-in port 19 V; 65 W **USB Standard A** Two USB Standard-A ports, supporting: • One port for USB 3.2 Gen 1 • One port for USB 3.2 Gen 1 featuring power off USB charging Nano SIM slot (optional) HDMI® 2.0 port with HDCP support DC-in jack for AC adapter microSD™ Card reader SmartCard reader slot Ethernet (RJ-45) port	
Windows Desktop Apps 10	**In-House** • Acer Control Center • Acer Product Registration • Quick Access	
Options and accessories	**Accessory** SIM Card Tray Ejector Pin	
System compliance	ENERGY STAR® Wi-Fi® EPEAT® Gold	
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	

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	MTBF (mean time between failures) Military Reliability Test: Mechanical Shock (Packaged), Transit Drop 122 cm (MIL-STD 810H) Military Reliability Test: Mechanical Shock (Unpackaged), Transit Drop 122 cm (MIL-STD 810H) Military Reliability Test: Vibration (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) Military Reliability Test: Low Temperature (MIL-STD 810H) Military Reliability Test: High Temperature (MIL-STD 810H)	
Others	• Reset hole • Power LED indicator	

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. A 64-bit operating system is required to enjoy the ultimate performance of 4 GB or higher memory.
5. All brands and product names mentioned herein include trademarks of their respective companies and are used solely to describe or identify the products.
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.

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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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.
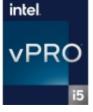
Appendix

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Graphics

Wireless and networking

Security

Input and control

Software

About

Quality and reliability tests

Dimensions and weight