TravelMate P216-51-G2 Specifications (v7-0-6)		
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™ 7 processor 150U (12 MB Smart Cache, 1.8 GHz Performance-core with Intel® Turbo Boost Technology 2.0 up to 5.4 GHz), supporting hybrid core architecture with Performance-core and Efficient-core Intel® Core™ 5 processor 120U (12 MB Smart Cache, 1.4 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™ 3 processor 100U (10 MB Smart Cache, 1.2 GHz Performance-core with Intel® Turbo Boost Technology 2.0 up to 4.7 GHz), supporting hybrid core architecture with Performance-core and Efficient-core 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	16GB Dual-channel DDR5 SDRAM support	

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	• Up to 64 GB of DDR5 system memory Memory Frequency : Up to 5200 MT/s	
Display	16.0" display with IPS (In-Plane Switching) technology, WUXGA 1920 x 1200, high-brightness (400 nits) Acer ComfyView™ LED-backlit TFT LCD 16:10 aspect ratio, sRGB 100% Wide viewing angle up to 170 degrees Slim and narrow border design Mercury free, environment friendly	4
	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	4
Graphics	**Intel® Graphics** **Graphics Special Technology#** • H.265/HEVC, VP9, AV1 Encode and Decode • OpenGL 4.5 • OpenCL 3.0 • DirectX 12	5
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 only • 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 only • 1280 x 720 resolution	

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	720p HD video at 30 fps with Temporal Noise Reduction - Blue Glass lens - Dual Mic (33 mm + 33 mm) 78 x 3.2 (5.2) x 3 mm	
Wireless and networking 1	**WPAN** Supports Bluetooth® 5.3 or above Supports Bluetooth LE Audio (LC3). **WLAN** - Intel® Wi-Fi 6E Wireless LAN 802.11 a/b/g/n/ac/ax - Band: 2.4 GHz, 5 GHz, and 6 GHz 2x2 MIMO technology - Intel vPro® Essentials - Intel® Connectivity Performance Suite (ICPS) - Intel® Wi-Fi 6E Wireless LAN 802.11 a/b/g/n/ac/ax - Band: 2.4 GHz, 5 GHz, and 6 GHz 2x2 MIMO technology **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 DL Cat.12 - LTE Data Rate: Maximum download 600 Mbps, upload 150 Mbps - WCDMA Data Rate: Maximum download 384 kbps, upload 384 kbps - DC-HSPA+: Maximum download 42 Mbps - eSIM is included **LAN** - Gigabit Ethernet, Wake-on-LAN ready	
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 Camera shutter BIOS user, supervisor, SSD passwords Kensington lock slot	
Dimensions and weight 1, 7, 8	**Dimensions** 359.3 (W) x 261.07 (D) x 19.95/22.95 (H) mm (14.15 x 10.28 x 0.79/0.9 inches)	

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	Weight • 1.74 kg (3.84 lbs.) with 3-cell battery pack • 1.79 kg (3.95 lbs.) with 3-cell battery pack (Notes: 1.74Kg By IPS sRBG 100% LCD / 1x SODIMM with the lowest weight SKU , weight varient by other generic LCD selection & SODIMM quantity (with 53Wh battery pack))	

Power adapter and battery 1, 9, 10	**Power adapter**
	
	USB Type-C 65 W PD AC adapter:
	• 108 (W) x 46 (D) x 29.5 (H) mm (4.25 x 1.81 x 1.16 inches)
	• 5 V / 3 A or 9 V / 3 A or 12 V / 3 A or 15 V / 3 A or 20 V / 3.25 A as output power
	• 250 g with 150 cm DC cable
	Battery
	• 53 Wh 3-cell Li-ion battery
	• Supports Fast Charging technology
	• For models with WUXGA Panel + SSD
	  Battery life:
	  Up to 12 hours (based on MobileMark® 2025 test results)
	  Up to 21 hours (based on video playback test results)
	  Up to 21 hours (based on web browsing test results)
	• 65 Wh 3-cell Li-ion battery
	• For models with WUXGA Panel + SSD
	  Battery life:
	  Up to 14.5 hours (based on MobileMark® 2025 test results)
	  Up to 26 hours (based on video playback test results)
	  Up to 26 hours (based on web browsing test results)
		9, 10, 11
		
		9, 10, 12

Input and control	**Keyboard** 99-/100-/103-key Acer backlit keyboard with international language support, with indicators of CapsLock and F4/Microphone mute 99-/100-/103-key Acer keyboard layout with international language support including indicators of CapsLock and F4/Microphone mute **Control Keys** Copilot Key TravelMate Sense Key Microphone mute key Bio-Protection fingerprint reader **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 • * OceanGlass™ Touchpad	1

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	(Notes: Spill Resistant Keyboard (based on MIL-STD-810H Method 506.6 Procedure III Drip test))	
Input and output	**USB Type-C** Two USB Type-C™ ports USB Type-C™ port supporting: • DisplayPort over USB-C • Thunderbolt™ 4 • USB charging 5 V; 3 A • DC-in port 20 V; 65 or 100 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 Thunderbolt™ port HDMI® 2.1 port with HDCP support microSD™ Card reader SmartCard reader slot 3.5 mm headphone/speaker jack, supporting headsets with built-in microphone Ethernet (RJ-45) port DC-in jack for AC adapter (Notes: - HDMI 2.1 (TMDS) 4K@60Hz)	
Sensors	Hall sensor	
Windows [13] **Desktop Apps**	**In-House** • Acer Control Center • Acer QuickPanel • TravelMate Sense	
Options and accessories	**Accessory** Support **Acer Vero MST Dock M32** · Dimension: 180 (W) x 82 (D) x 24.8 (H) mm ((7.09 x 3.23 x 0.98 inches) · Weight: 232 g (0.52 lbs) · Built with 65% Post-consumer Recycled (PCR) Plastic · Support for one display via DP 1.4; one display via HDMI 2.0 · Support for up to two 4K-60Hz external multi-displays (HBR3 PC supporting DSC) · One USB-C upstream port to host · One USB-C downstream port for device (data only with USB3.2 Gen1) · Two USB-A 3.2 Gen1 (one support BC1.2) · One USB-A 2.0 · Gigabit Ethernet (RJ45) port (1000/100/10Mbps) · Up to 65W power supply delivering to system · Audio Combo Jack · 1 m USB Type-C cable	

	· Support for VESA mount	
	· 90W Power Adapter	
	Support **Add-on features** for M32	
	· LED behavior aligned with the host power status	
	· Power button mirrors the host's	
	· System MAC address pass-through to Dock	
	· Wake-On-LAN from Sleep/Hibernate/Off mode	
	· PXE boot via Dock LAN port	
	Support **Acer Vero MST Dock M33**	
	· Dimension: 180 (W) x 82 (D) x 24.8 (H) mm ((7.09 x 3.23 x 0.98 inches)	
	· Weight: 232 g(0.52 lbs)	
	· built with 65% post-consumer recycled (PCR) plastic	
	· Support two display with DP 1.4, one display with HDMI 2.0	
	· Support up to three 4K-30Hz external multi-displays (HBR3 PC supporting DSC)	
	· One USB-C upstream port to host	
	· One USB-C downstream port for device (data only with USB3.2 Gen2)	
	· two USB-A 3.2 Gen2 (one support BC1.2)	
	· two USB-A 3.2 Gen1	
	· Gigabit Ethernet (RJ45) port (1000/100/10Mbps)	
	· Up to 100W power supply delivering to system (65W PD when dock IO port full loaded)	
	· Audio Combo Jack	
	· 1 m USB Type-C cable	
	· support VESA mount	
	· 135W Power Adapter	
	Support **Add-on feature**s for M33	
	· LED behavior aligned with the host power status	
	· Power button mirrors the host's	
	· System MAC address pass-through to Dock	
	· Wake-On-LAN from Sleep/Hibernate/Off mode	
	· PXE boot via Dock LAN port	
	SIM Card Tray Ejector Pin	
System compliance	ENERGY STAR® Wi-Fi® EPEAT® registered	14
Warranty	Three-year International Travelers Warranty (ITW)	
Quality and reliability tests	Temperature and humidity Hinge life Weight and pressure Acoustics Spillage Free drop Shock and vibration	

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	Electrostatic discharge immunity	
	Keyboard-switch life	
	MTBF (mean time between failures)	
	Military Reliability Test: Mechanical Shock, Transit Drop (Packaged) 122 cm (MIL-STD 810H)	
	Military Reliability Test: Mechanical Shock, Transit Drop (Unpackaged) 122 cm (MIL-STD 810H)	
	Military Reliability Test: Vibration (MIL-STD 810H)	
	Military Reliability Test: Sand and Dust (MIL-STD 810F)	
	Military Reliability Test: Salt Fog (MIL-STD 810H)	
	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)	15
	Military Reliability Test: Low Pressure (Altitude) (MIL-STD 810H)	

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. Listed battery life is based on testing using video playback. The test clip loops and continues to run, without interruption or any other inputs, until the battery is drained. Stated battery life is for comparison purpose only. Actual battery life varies by model, configuration, applications, video chip format and features used. A battery's maximum capacity decreases with time and use. Battery life test configuration: Intel® Core™ 3 processor 100U, Intel® Graphics, WUXGA, SSD only, 8GB of DDR5 memory. Battery life test condition: LCD brightness 150 nits, connected headphones, WLAN off, Bluetooth off and Better Battery Mode on.
10. Listed battery life is based on testing using Web browsing. The test clip loops the loading of 50 selected websites using Microsoft Edge every 30 seconds, until the battery is drained. Stated battery life is for comparison purpose only. Actual battery life varies by model, configuration, applications, video chip format and features used. A battery's maximum capacity decreases with time and use. Battery life test configuration: Intel® Core™ 3 processor 100U, Intel® Graphics, WUXGA, SSD only, 8GB of DDR5 memory. Battery life test condition: 100 nits LCD brightness, 50% speaker volume, WLAN on, Bluetooth on, no WW direct Internet connection.

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11. 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 720p YouTube video is played

12. *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.*

13. Bundled software may vary depending on hardware configuration, OS and regional availability.

14. EPEAT® registration varies by country. See http://www.epeat.net/ for registration status for each country.

15. *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.

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