



TravelMate P214-56-G2 Specifications (v6-0-4)			
Category		Description	Footnotes
Operating system	1	Windows 11 Pro (Acer recommends Windows 11 Pro for business.) Windows 11 Home	
CPU and chipset	1	<p>Intel® Core™ Ultra 7 processor 265U (12 MB Smart Cache, 2.1 GHz P-core base core frequency with Intel® Turbo Boost Technology 2.0 up to 5.3 GHz, Intel® AI Boost up to 12 TOPS, and Intel® vPro™ Enterprise eligibility), supporting hybrid core architecture with Performance-core, Efficient-core, and Low-Power Efficient-core</p> <p>Intel® Core™ Ultra 7 processor 255U (12 MB Smart Cache, 2.0 GHz P-core base core frequency with Intel® Turbo Boost Technology 2.0 up to 5.2 GHz, and Intel® AI Boost up to 12 TOPS), supporting hybrid core architecture with Performance-core, Efficient-core, and Low-Power Efficient-core</p> <p>Intel® Core™ Ultra 5 processor 235U (12 MB Smart Cache, 2.0 GHz P-core base core frequency with Intel® Turbo Boost Technology 2.0 up to 4.9 GHz, Intel® AI Boost up to 12 TOPS, and Intel® vPro™ Enterprise eligibility), supporting hybrid core architecture with Performance-core, Efficient-core, and Low-Power Efficient-core</p> <p>Intel® Core™ Ultra 5 processor 225U (12 MB Smart Cache, 1.5 GHz P-core base core frequency with Intel® Turbo Boost Technology 2.0 up to 4.8 GHz, and Intel® AI Boost up to 12 TOPS), supporting hybrid core architecture with Performance-core, Efficient-core, and Low-Power Efficient-core</p> <p>Intel® Core™ Ultra 7 processor 165U (12 MB Smart Cache, 1.7 GHz P-core base core frequency with Intel® Turbo Boost Technology 2.0 up to 4.9 GHz, Intel® AI Boost capable, and Intel® vPro™ Enterprise eligibility), supporting hybrid core architecture with Performance-core, Efficient-core, and Low-Power Efficient-core</p> <p>Intel® Core™ Ultra 5 processor 135U (12 MB Smart Cache, 1.6 GHz P-core base core frequency with Intel® Turbo Boost Technology 2.0 up to 4.4 GHz, Intel® AI Boost capable, and Intel® vPro™ Enterprise eligibility), supporting hybrid core architecture with Performance-core, Efficient-core, and Low-Power Efficient-core</p> <p>Intel® Core™ Ultra 5 processor 115U (10 MB Smart Cache, 1.5 GHz P-core base core frequency with Intel® Turbo Boost Technology 2.0 up to</p>	

TravelMate P214-56-G2 Specifications (v6-0-4)			
		4.2 GHz, Intel® AI Boost capable), supporting hybrid core architecture with Performance-core, Efficient-core and Low Power Efficient-core	
Memory	1, 2, 3	Dual-channel DDR5 SDRAM support <ul style="list-style-type: none"> Up to 64 GB of DDR5 system memory using two soDIMM modules Memory Frequency : Up to 5600 MT/s (Notes: with 2 soDIMM slots.)	
Display		14.0" 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%(Typical value) Wide viewing angle up to 170 degrees Mercury free, environment friendly	4
		14.0" display with IPS (In-Plane Switching) technology, WUXGA 1920 x 1200, high-brightness (400nits, typical value) Acer ComfyView™ LED-backlit TFT LCD 16:10 aspect ratio, color gamut sRGB 100%(Typical value) Wide viewing angle up to 170 degrees Mercury free, environment friendly	4
Graphics		Intel® Graphics eligible Graphics Special Technology# <ul style="list-style-type: none"> AVC, HEVC, VP9, AV1 Encode and Decode OpenGL 4.6 OpenCL 3.0 DirectX 12 DX12 Ultimate Vulkan 1.1/1.2/1.3 	5
		Intel® ARC™ Graphics eligible Graphics Special Technology# <ul style="list-style-type: none"> H.265/HEVC, VP9, AV1 Encode and Decode OpenGL 4.5 OpenCL 3.0 DirectX 12 	5
Audio		<ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> SSD slot: 1 128 GB, PCIe Gen3, 8 Gb/s, NVMe 256 GB / 512 GB / 1 TB, PCIe Gen4, 16 Gb/s, NVMe 	1, 6 1, 6 1, 6

TravelMate P214-56-G2 Specifications (v6-0-4)		
Webcam	1	Video conferencing UFC with <ul style="list-style-type: none"> • 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 • Blue glass lens UFC with <ul style="list-style-type: none"> • T-Type USB FHD camera • Compatible with Windows • 1920 x 1080 resolution • 1080p HD video at 60 fps with Temporal Noise Reduction • Dual Mic (33 mm + 33 mm) • Blue Glass lens • 78 x 3.2 (5.2) x 3 mm
Wireless and networking	1	WLAN <ul style="list-style-type: none"> • Intel® Wi-Fi 6E Wireless LAN • 802.11 a/b/g/n/ac/ax • Band: 2.4 GHz, 5 GHz, and 6 GHz • 2x2 MU-MIMO technology • Intel vPro® Enterprise • Intel® Connectivity Performance Suite (ICPS) • 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 Supports Bluetooth LE Audio (LC3). LAN <ul style="list-style-type: none"> • Gigabit Ethernet, Wake-on-LAN ready
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 Acer Bio-Protection fingerprint solution, featuring computer protection and Windows Hello Certification Discrete Trusted Platform Module (TPM) solution Kensington lock (Nano-type) Camera shutter

1

TravelMate P214-56-G2 Specifications (v6-0-4)		
		BIOS user, supervisor, HDD(OPAL) password
Dimensions and weight	1, 7, 8	<p>Dimensions</p> <ul style="list-style-type: none"> • 314.8 (W) x 233.3 (D) x 17.95/19.65 (H) mm (12.39 x 9.19 x 0.71/0.77 inches) with Metal A Cover <p>Weight</p> <ul style="list-style-type: none"> • 1.38 kg (3.04 lbs.) with 3-cell battery pack <p>(Notes: 1.38kg with 53Wh battery + NTSC45% LCD SKU)</p>
Power adapter and battery	1	<p>Power adapter</p> <p>65 W PD PCR 50%, TCO 10.0 AC adapter</p> <ul style="list-style-type: none"> • 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 • 90.0 (W) x 51.0 (D) x 28.5 (H) mm • 192g ± 10% with 150 cm DC cable • Black color with Acer logo • Brick type AC pins • Paper sleeve packaging <p>Battery</p> <ul style="list-style-type: none"> • 53 Wh 3-cell Li-ion battery • Supports Fast Charging technology • For models with Full HD Panel + SSD
Input and control		<p>Keyboard</p> <p>80-/81-/84-key Acer keyboard layout with international language support including indicators of CapsLock and F4/Microphone mute</p> <p>80-/81-/84-key Acer backlight keyboard layout with international language support including indicators of CapsLock and F4/Microphone mute</p> <p>TouchPad</p> <p>Multi-gesture secure touchpad, supporting two-finger scroll; pinch; gestures to open Cortana, Action Center, multitasking; Fingerprint application commands</p> <ul style="list-style-type: none"> • Windows Hello Certification • Microsoft Precision Touchpad certification • * OceanGlass™ Touchpad <p>Control Keys</p> <p>Copilot Key</p> <p>TravelMate Sense Key</p> <p>Microphone mute key</p> <p>(Notes: Spill Resistant Keyboard based on MIL-STD-810H Method506.6 Procedure III Drip test)</p>
Input and output		<p>USB Type-C</p> <p>Two USB Type-C™ ports</p> <p>USB Type-C™ port supporting:</p> <ul style="list-style-type: none"> • USB4® 40Gbps • DisplayPort over USB-C • Thunderbolt™ 4

9

TravelMate P214-56-G2 Specifications (v6-0-4)		
		<ul style="list-style-type: none"> • USB charging 5 V; 3 A • DC-in port 20 V; 65 W <p>USB Standard A</p> <p>Two USB Standard-A ports, supporting:</p> <ul style="list-style-type: none"> • One port for USB 3.2 Gen 1 • One port for USB 3.2 Gen 1 featuring power off USB charging <p>microSD™ Card reader</p> <p>HDMI® 2.1 port with HDCP support</p> <p>3.5 mm headphone/speaker jack, supporting headsets with built-in microphone</p> <p>Ethernet (RJ-45) port</p>
Sensors		Hall sensor
Windows Desktop Apps	10	<p>In-House</p> <ul style="list-style-type: none"> • Acer AlterView • Acer LiveArt • Acer Product Registration • Acer QuickPanel • TravelMate Sense
Options and accessories		<p>Accessory</p> <p>Support Add-on features for T34 dock · LED behavior aligned with the host power status</p> <ul style="list-style-type: none"> · 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 <p>Support Acer Thunderbolt 4 Dock T34 · Dimension: 215 (W) x 86 (D) x 28 (H) mm ((8.46 x 3.38 x 1.1 inches)</p> <ul style="list-style-type: none"> · Weight: 336 g(0.74 lbs) · Supports up to two displays via DP 1.4; one displays via HDMI 2.0; one display via Thunderbolt 4 · Support up to four 4K-60Hz external multi-displays (TBT4 PC with HBR3 supporting DSC) · One TBT4 USB-C upstream port to host · One TBT4 USB-C downstream port · One USB-C downstream port for device (data only with USB3.1 Gen2) · Two USB-A 3.2 Gen2 (one support BC1.2) · Two USB-A 3.2 Gen1 · 2.5G Gigabit Ethernet (RJ45) port (2500/1000/100/10Mbps) · Up to 96W power supply delivering to system (65W PD when IO port full loaded) · Audio Combo Jack · Power Button (long press to cut off dock power) · 0.8m TBT4 Type-C cable · 135W Power Adapter

TravelMate P214-56-G2 Specifications (v6-0-4)

	<ul style="list-style-type: none"> · Kensington security lock slot Support Add-on features 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 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 	
System compliance	ENERGY STAR® Wi-Fi® EPEAT® registered TCO Certified	11
Warranty	One-year International Travelers Warranty (ITW)	
Quality and reliability tests	Military Reliability Test MIL total test 10 items as below. Military Reliability Test: Transit Drop (Unpackaged) 122 cm (MIL-STD 810H) Military Reliability Test: Transit Drop (Packaged) 122 cm (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) Military Reliability Test: Sand and Dust (MIL-STD 810F) Military Reliability Test: Vibration (MIL-STD 810H) Temperature and humidity Hinge life Weight and pressure	12

TravelMate P214-56-G2 Specifications (v6-0-4)

	Acoustics Spillage Free drop Shock and vibration Electrostatic discharge immunity Keyboard-switch life MTBF (mean time between failures)	
Others	<ul style="list-style-type: none"> • 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.
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.

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TravelMate P214-56-G2 Specifications (v6-0-4)

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Appendix

v2-0-2 (Ver. 2)

Graphics

v3-0-3 (Ver. 3)

CPU and chipset

v4-0-3 (Ver. 4)

System compliance

v6-0-4 (Ver. 6)

CPU and chipset