



TravelMate X214-52 Specifications (v1-0-1)			
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™ 3 processor 304 (6 MB Smart Cache, 1.5 GHz Performance-core base frequency with Intel® Turbo Boost Technology 2.0 up to 4.3 GHz, and Intel® AI Boost capable up to 15 TOPS) supporting hybrid core architecture with Performance-core and Low-Power Efficient-core Intel® Core™ 5 processor 320 (6 MB Smart Cache, 1.5 GHz Performance-core base frequency with Intel® Turbo Boost Max Technology 3.0 up to 4.6 GHz, and Intel® AI Boost capable up to 16 TOPS) supporting hybrid core architecture with Performance-core and Low-Power Efficient-core Intel® Core™ 7 processor 350 (6 MB Smart Cache, 1.5 GHz Performance-core base frequency with Intel® Turbo Boost Max Technology 3.0 up to 4.8 GHz, and Intel® AI Boost capable up to 17 TOPS), supporting hybrid core architecture with Performance-core and Low-Power Efficient-core	
Memory	1, 2, 3	DDR5 SDRAM support Up to 32 GB of DDR5 system memory Memory Frequency : Up to 5600 MT/s	
Display		14.0" display with IPS (In-Plane Switching) technology, WUXGA 1920 x 1200, Acer ComfyView™ LED-backlit TFT LCD, supporting 120Hz refresh rate. 16:10 aspect ratio, color gamut NTSC 45% Wide viewing angle up to 170 degrees Mercury free, environment friendly	4
Graphics		Intel® Graphics eligible Graphics Special Technology# Several HW encode and decode functions	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	

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	• SDCA (Soundwire Device Class Audio) Driver supported	
Storage	Solid state drive 256 GB / 512 GB / 1 TB, PCIe Gen4, 16 Gb/s, NVMe	1, 6
Webcam 1	Video conferencing UFC with • Double T-Type USB FHD Camera • Compatible with Windows only • 1920 x 1080 resolution • 1080p HD video at 30 fps with Temporal Noise Reduction • 86 x 3.2 (4.2) x 3 mm • Blue glass lens • Dual Mic (33 mm + 33 mm)	
Wireless and networking 1	WPAN Supports Bluetooth® 5.3 or above for Wi-Fi 6E wireless card. 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 CNVi interface LAN • Gigabit Ethernet, Wake-on-LAN ready	
Security	Discrete Trusted Platform Module (TPM) solution 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 Kensington lock (Nano-type) Camera shutter BIOS user, supervisor, HDD passwords	1
Dimensions and weight 1, 7, 8	Dimensions • 313.6 (W) x 229.4 (D) x 17.99/19.6 (H) mm (12.35 x 9.03 x 0.71/0.77 inches) Weight • 1.4 kg (3.09 lbs.) with 3-cell battery pack	
Power adapter and battery 1, 9, 10	Power adapter 100 W PD PCR 50%, TCO 10.0 AC adapter • 5 V / 3 A or 9 V / 3 A or 12 V / 3 A or 15 V / 3 A or 20 V / 5 A as output power • 108.0 (W) x 56.0 (D) x 26.5 (H) mm • 296 g ± 5% with 150 cm DC cable • Black color with Acer logo	

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	• Brick type AC pins • Paper sleeve packaging 65 W PD PCR 50%, TCO 10.0 AC adapter • 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 Battery • 65 Wh 3-cell Li-ion battery • Supports Fast Charging technology • For models with WUXGA Panel Battery life: Up to 10.5 hours (based on MobileMark® 30 test results) Up to 21 hours (based on video playback test results) Up to 14 hours (based on web browsing test results) • 53 Wh 3-cell Li-ion battery • Supports Fast Charging technology • For models with WUXGA Panel Battery life: Up to 9.5 hours (based on MobileMark® 30 test results) Up to 19.5 hours (based on video playback test results) Up to 13 hours (based on web browsing test results)	11 11
Input and control	Keyboard 81-/82-/85-key Acer backlight keyboard layout with multiple international language support, SR03P • Slim design with 1.3mm travel distance • Individual key of AcerSense app enabling • Programmable "my" key • Enlarged keycaps for better type feeling • Optimal backlight brightness for better ligibility • Quiet & silent design for noise-reduction • Indicators of CapsLock and Microphone mute toggle indicators • Function lock for user's hot-key preference 81-/82-/85-key Acer keyboard layout with multiple international language support, SR03P • Slim design with 1.3mm travel distance • Individual key of AcerSense app enabling • Programmable "my" key • Enlarged keycaps for better type feeling • Quiet & silent design for noise-reduction • Indicators of CapsLock and Microphone mute toggle indicators • Function lock for user's hotkey preference	

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	TouchPad Multi-gesture secure touchpad, supporting two-finger scroll; pinch; Action Center, multitasking; Fingerprint application commands • Windows Hello Certification • Microsoft Precision Touchpad certification • * OceanGlass™ Touchpad Multi-gesture touchpad, supporting two-finger scroll; pinch; Action Center, multitasking; application commands • Microsoft Precision Touchpad certification • Moisture resistant • OceanGlass™ Touchpad Control Keys Programmable key – my key Copilot Key TravelMate Sense Key	
Input and output	HDMI® 2.1 port with HDCP support 3.5 mm headphone/speaker jack, supporting headsets with built-in microphone Ethernet (RJ-45) port USB Standard A Two USB Standard-A ports, supporting: • Two ports for USB 3.2 Gen 1 USB Type-C Two USB Type-C™ port supporting: • USB 3.2 Gen 2x2 (up to 20 Gbps) • DisplayPort 2.1 over USB-C • USB charging 5 V; 3 A • DC-in port 20 V; 65 or 100 W	
Windows Desktop Apps	12 In-House • Acer Control Center • Acer LiveArt • TravelMate Sense Tools • Acer My Key Application	
System compliance	ENERGY STAR® Wi-Fi® TCO Certified EPEAT® registered	13
Warranty	One-year International Travelers Warranty (ITW)	
Quality and reliability tests	Military Reliability Test MIL total test items as below. Military Reliability Test: High Temperature Non-Operating (MIL-STD 810H) Military Reliability Test: Low Temperature Non-Operating (MIL-STD 810H)	

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	Military Reliability Test: Low Temperature Operating (MIL-STD 810H) Military Reliability Test: High Temperature Operating (MIL-STD 810H) Military Reliability Test: Vibration Non-Operating (MIL-STD 810H) Military Reliability Test: Humidity (MIL-STD 810H) Temperature and humidity Hinge life Weight and pressure Acoustics Spillage Free drop Shock and vibration Electrostatic discharge immunity Keyboard-switch life MTBF (mean time between failures)	
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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™ 7 Processor 350, Intel® UHD Graphics, WUXGA, SSD only, 16GB 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™ 7 Processor 350, Intel® UHD Graphics, WUXGA, SSD only, 16GB 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 Power Qualification Test v2 for ChromeOS: 1) Browsing: This test collects power data while browsing(scrolling up & down) cached sites in public Google Cloud Storage. 2) VideoPlayback: This test plays offline video in fullscreen from ramdisk repeatedly for 6 mins / 1 hour.
12. Bundled software may vary depending on hardware configuration, OS and regional availability.
13. EPEAT® registration varies by country. See <http://www.epeat.net/> for registration status for each country.

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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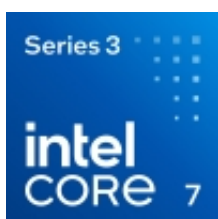
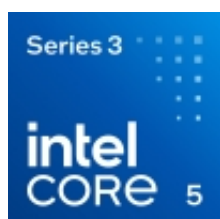
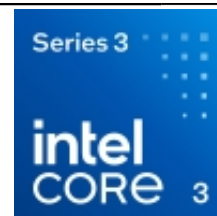
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 Windows 11

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