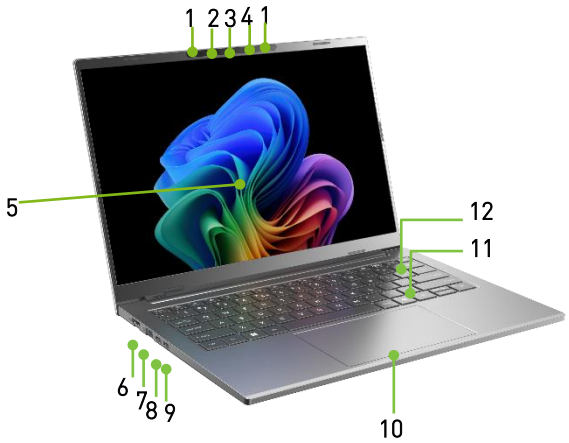
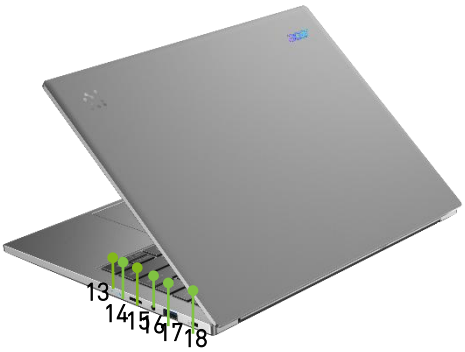
SPECIFICATIONS Aspire14 AI A14-53M

Aspire14 AI





Product views	**1.** Microphones **2.** Camera shutter **3.** Camera **4.** IR Camera **5.** 14" display **6.** HDMI port	**7.** USB 3.2 Gen 1 port with power-off charging **8.** USB Type-C / Thunderbolt™ 4 port **9.** USB Type-C / Thunderbolt™ 4 port **10.** Touchpad **11.** Keyboard **12.** Power button	**13.** Power indicator **14.** Battery indicator **15.** MicroSD card reader **16.** Headset / Speaker jack **17.** USB 3.2 port **18.** Kensington lock slot
Operating system[1]	**Windows 11 Home**		
CPU and chipset[1]	**Intel® Core™ Ultra 7 processor** **Intel® Core™ Ultra 5 processor**		
Memory[1, 2, 3]			Dual-channel LPDDR5X SDRAM support • 16 GB of onboard LPDDR5X system memory
Display[4]		14.0" display with IPS (In-Plane Switching) technology, WUXGA 1920 x1200, 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	
Graphics[1,5]	• Intel® ARC™ Graphics 130V		
Audio	• DTS® Audio, featuring optimized bass response and micro-speaker distortion prevention • Acer Purified.Voice technology with AI noise reduction in 3 mics array built-in microphones to support Advanced Privacy Mode. Features include far-field pickup, dynamic noise reduction through neural network, adaptive beam forming, and pre-defined personal and conference call modes. • High SNR DAC with 2.1 Vrms out capability and can driver high impedance headphone (up to 600 ohm) • Acer TrueHarmony Technology for lower distortion, wider frequency range, headphone-like audio and powerful sound by Acer Ultra Boost Stereo Speaker Module • Compatible with Cortana with Voice • Hi-Res Audio Certification by JAS (Headphone Output setting supported up to 24bit /192KHz)		
Storage[1, 6]	**Solid state drive** • 512 GB PCIe Gen4, 16 Gb/s, NVMe		**Card reader** • Supporting: microSD™ Card (SDXC)
Webcam[1]	**Video conferencing** UFC with: • Narrow USB FHD camera+IR camera with blue glass		• Compatible with Windows only • 1920 x 1080 resolution • 1080p HD video at 60 fps with Temporal Noise Reduction
Wireless and networking[1]	**WLAN** • Intel® Wi-Fi 7 Wireless LAN • 802.11 a/b/g/n/ac/ax/be		• Band: 2.4 GHz, 5 GHz, and 6 GHz • 2x2 MIMO technology **WPAN** • Supports Bluetooth® 5.4 or above
Dimensions and weight[7,8]	**Dimensions:**312 (W) x 225.9 (D) x /15.9 (H) mm (12.28 x 8.89 x /0.63 inches) with Metal A Cover **Weight:**1.24 kg (2.73 lbs.) with 4-cell battery pack, OLED WUXGA display 1.26 kg (2.78 lbs.) with 4-cell battery pack, WUXGA display		
Power adapter and battery[9,10,11]	**Power adapter** USB Type-C 65 W PD PCR 50%, TCO 9.0 AC adapter **Battery:** 65 Wh 4-cell Li-ion battery **Battery life:** For models with OLED Up to 21.5 hours (based on MobileMark® 2025 test results)		Up to 26.5 hours (based on video playback test results) Up to 16 hours (based on web browsing test results) For models with WUXGA Panel Up to 16 hours (based on MobileMark® 2025 test results) Up to 24 hours (based on video playback test results) Up to 16 hours (based on web browsing test results)
Input and control	**Keyboard** 80-/81-/85-key Acer backlight keyboard layout with multiple international language support, SR03P **Touchpad** Multi-gesture touchpad, supporting two-finger scroll; pinch; gestures to open Cortana, Action Center, multitasking; application commands • Microsoft Precision Touchpad certification		• Moisture resistant Control Keys • Programmable key – my key • Acer Sense Key • Copilot Key
Windows Desktop Apps[12]	Acer LiveArt Acer QuickPanel		Acer Product Registration AcerSense
Warranty	One-year International Travelers Warranty (ITW)		

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® ULTRA 5 (Series 2, V-suffix), Intel® ARC™ Graphics, WUXGA, SSD only, 16GB of LPDDR5X 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® ULTRA 5 (Series 2, V-suffix), Intel® ARC™ Graphics, WUXGA, SSD only, 16GB of LPDDR5X memory. Battery life test condition: 100 nits LCD brightness, 50% speaker volume, WLAN on, Bluetooth on, no WW direct Internet connection.
11. 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.
12. Bundled software may vary depending on hardware configuration, OS and regional availability.

Note: This specification is based onAspire A14-53M Specifications (v1.0-1).

In a... 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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