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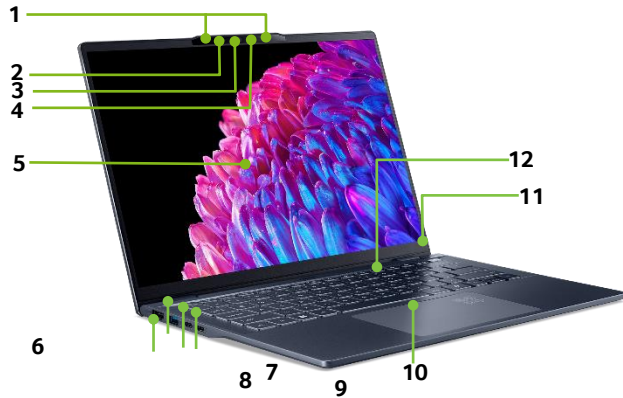


**Swift 14 AI**

## SPECIFICATIONS

## Swift 14 AI

## SF14-51 / SF14-51T



Product views	1. Microphones 2. Camera shutter 3. Camera 4. IR Camera / IR LED 5. 14.0" display 6. HDMI port	7. USB 3.2 Gen 1 port with power-off charging 8. USB Type-C port with DC-in 9. USB Type-C port with DC-in 10. Touchpad 11. Power button	12. Keyboard 13. Headset / Speaker jack 14. USB 3.2 port 15. Battery indicator 16. Power indicator
Operating system <sup>1</sup>	Windows 11 Home		
CPU and chipset <sup>1</sup>	Intel® Core™ Ultra 9 processor	Intel® Core™ Ultra 7 processor	Intel® Core™ Ultra 5 processor
Memory <sup>1, 2, 3</sup>	Dual-channel LPDDR5X SDRAM support • 32 GB of onboard LPDDR5X system memory		Dual-channel LPDDR5X SDRAM support • 16 GB of onboard LPDDR5X system memory
Display <sup>4</sup>	14.0" display with OLED (Organic Light-Emitting Diode) technology, WQXGA+ 2880 x 1800, high-brightness (400 nits) Acer CineCrystal™ 16:10 aspect ratio, color gamut DCI-P3 100%, certified by True Black HDR 500(@HDR 500, brightness reach 500 nits) • Wide viewing angle up to 170 degrees • Mercury free, environment friendly	14.0" display with OLED (Organic Light-Emitting Diode) technology, WUXGA 1920 x 1200, high-brightness (400 nits, typical value) Acer CineCrystal™, 16:10 aspect ratio, color gamut DCI-P3 100%(Typical value), certified by True Black HDR 500(@HDR 500, brightness reach 500 nits). • Wide viewing angle up to 170 degrees • Mercury free, environment friendly	14.0" WUXGA 1920 x 1200 resolution LED-backlit TFT LCD with integrated multi-touch • 16:10 aspect ratio • Ultra-slim design • Mercury free, environment friendly
Audio	• DTS® X:Ultra Audio, featuring optimized Bass, Loudness, Speaker Protection with up to 6 custom content modes by smart amplifier • Supported in Windows Spatial Sound for PC Gaming with DTS license integrated • Immersive audio rendering over headphones and internal speakers • High SNR DAC with 2.1 Vrms out capability and can driver high impedance headphone (up to 600 ohm) • 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. • Compatible with Cortana with Voice • Acer TrueHarmony technology for lower distortion, wider frequency range, headphone-like audio and powerful sound		
Storage <sup>1, 6</sup>	Solid state drive • 512 GB / 1 TB, PCIe Gen4, 16 Gb/s, NVMe		
Webcam <sup>1</sup>	Video conferencing UFC with: • Double T-Type USB QHD Camera	• Compatible with Windows only • 2560 x 1440 resolution • 1440p QHD video at 30 fps with Temporal Noise Reduction	
Wireless and networking <sup>1</sup>	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	• Killer™ 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	
Security	MSFT Pluton Security Processor as Firmware TPM solution Power keycap fingerprint reader with on-chip matching design Camera shutter		
Dimensions and weight <sup>6, 7</sup>	Dimensions: 312.4 (W) x 221.2 (D) x 9.7/15.95 (H) mm (12.3 x 8.71 x 0.38/0.63 inches) with Metal A Cover Weight: 1.28 kg (2.82 lbs.) with 3-cell battery pack, WQXGA display (SF14-51) 1.34 kg (2.95 lbs.) with 3-cell battery pack, WUXGA display (SF14-51T)		
Power adapter and battery <sup>8, 9, 10, 11</sup>	Power adapter 3-pin USB Type-C 65 W PD PCR 50%, TCO 9.0 AC adapter USB Type-C 65 W PD AC adaptor Battery: 65 Wh 3-cell Li-ion battery	Battery life: Up to 17 hours (based on MobileMark® 2025 test results) Up to 25.5 hours (based on video playback test results) Up to 19~18 hours (based on web browsing test results)	
Input and control	Keyboard 80-/81-/84-key Acer backlight keyboard layout with international language support including indicators of CapsLock and F4/Microphone mute Touchpad Multi-gesture Lighting touchpad, supporting two-finger scroll; pinch; gestures to open Cortana, Action Center, multitasking; application commands	• Lighting touchpad with Activity Indicator • Microsoft Precision Touchpad certification • Moisture resistant • Corning® Gorilla® Glass	Control Keys • Acer Sense Key • Copilot Key
Warranty	One-year International Travelers Warranty (ITW)		

- Specifications vary depending on model.
- 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.
- Memory speed may vary, depending on the CPU, chipset or memory fitted.
- All brands and product names mentioned herein include trademarks of their respective companies and are used solely to describe or identify the products.
- 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.
- Minor variations in system dimensions are possible due to the manufacturing process.
- Weight may vary depending on product configuration, vendor components, manufacturing variability, and selected options.
- Listed battery life is based on testing using video playback. 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), WUXGA, SSD only, 16GB of LPDDR5X memory. Battery life test condition: LCD brightness 150 nits, connected headphones, WLAN on, Bluetooth off and Better Battery Mode on.
- Listed battery life is based on testing using video playback. 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 1), 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.
- 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 7 (Series 2, V-suffix), 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.
- 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 7 (Series 2, V-suffix), 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.
- 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.

**Note:** This specification is based on Swift SF14-51 Specifications (v5-0-5).pdf and Swift SF14-51T Specifications (v1-0-1).pdf

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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