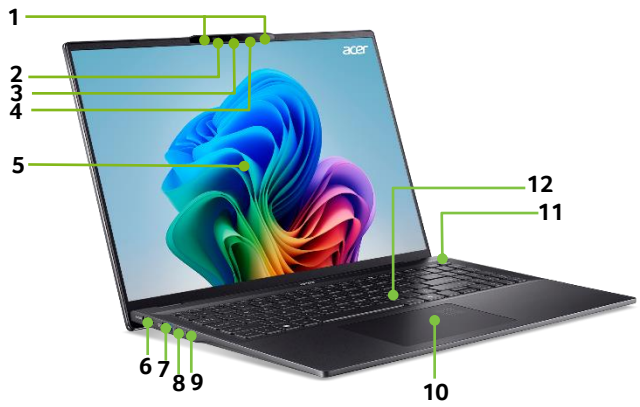
Swift *16 AI*

SPECIFICATIONS Swift 16 AI SF16-51 / SF16-51T



Product views	**1.** Microphones **2.** Camera shutter (SF16-51) **3.** Camera **4.** IR Camera / IR LED **5.** 16.0" 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[1]	**Windows 11 Home**
CPU and chipset[1]	**Intel® Core™ Ultra 7 processor**
Memory[1, 2, 3]	Dual-channel LPDDR5X SDRAM support • 32 GB of onboard LPDDR5X system memory
Display[4]	16.0" 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%(Typical value), support 120Hz, certified by True Black HDR 500(@HDR 500, brightness reach 500 nits) • Wide viewing angle up to 170 degrees • Mercury free, environment friendly 16" display with OLED (Organic Light-Emitting Diode) technology, WQXGA+ 2880 x 1800, high-brightness (340 nits) Acer CineCrystal™ 16:10 aspect ratio, color gamut DCI-P3 100% with integrated multi-touch (SF16-51T) • Wide viewing angle up to 170 degrees • Mercury free, environment friendly
Graphics[1]	• Intel® ARC™ Graphics 140V
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[1, 6]	**Solid state drive** • 1 TB, PCIe Gen4, 16 Gb/s, NVMe
Webcam[1]	**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[1]	**WLAN** • 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
Dimensions and weight[7,8]	**Dimensions:** 356 (W) x 249.42 (D) x 9.92/15.95 (H) mm (14.02 x 9.82 x 0.39/0.63 inches) **Weight:** 1.46 kg (3.22 lbs.) with 3-cell battery pack (SF16-51)
Power adapter and battery[9]	**Power adapter** 3-pin 65 W PD PCR 50%, TCO 9.0 AC adapter **Battery:** 70 Wh 3-cell Li-ion battery
Input and control	**Keyboard** 99-/100-/103-key Acer backlit keyboard with international language support, with 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 • Multi-control Lighting touchpad • Microsoft Precision Touchpad certification • Moisture resistant • Corning® Gorilla® Glass Control Keys • Acer Sense Key • Copilot Key
Windows Desktop Apps[10]	Acer AlterView Acer LiveArt Acer QuickPanel Acer Product Registration AcerSense
Warranty	3-years Warranty

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.

Note: This specification is based on Swift SF16-51 Specifications (v1-0-1).pdf and Swift SF16-51T 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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