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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 9 processor	Intel® Core™ Ultra 7 processor	Intel® Core™ Ultra 5 processor
Memory ^{1, 2, 3}	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 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 • Intel® ARC™ Graphics 130V		
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 • 512 GB / 1 TB / 2 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) 1.53 kg (3.37 lbs.) with 3-cell battery pack (SF16-51T)		
Power adapter and battery ⁹	Power adapter 3-pin 65 W PD PCR 50%, TCO 9.0 AC adapter 2-pin 65 W PD PCR 50% 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	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.	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