Swift SF314-43 Specifications (v10-0-7)

Category		Description	Footnotes
Operating system	1	Windows 10 Home 64-bit	2
CPU and chipset	1	**AMD Ryzen™ 7 5700U** octa-core processor (up to 4 MB L2 cache, up to 8 MB L3 cache, 1.8 GHz with Precision Boost up to 4.3 GHz) **AMD Ryzen™ 5 5500U** hexa-core processor (up to 3 MB L2 cache, up to 8 MB L3 cache, 2.1 GHz with Precision Boost up to 4.0 GHz) **AMD Ryzen™ 3 5300U** quad-core processor (up to 2 MB L2 cache, up to 4 MB L3 cache, 2.6 GHz with Precision Boost up to 3.85 GHz)	
Memory	1, 3, 4	Dual-channel LPDDR4X SDRAM support • 16 GB of onboard LPDDR4X system memory Dual-channel LPDDR4X SDRAM support • 8 GB of onboard LPDDR4X system memory	
Display		14.0" display with IPS (In-Plane Switching) technology, Full HD 1920 x 1080, high-brightness Acer ComfyView™ LED-backlit TFT LCD 16:9 aspect ratio, 45% NTSC color gamut Wide viewing angle up to 170 degrees Mercury free, environment friendly	5
		14.0" display with IPS (In-Plane Switching) technology, Full HD 1920 x 1080, high-brightness (300nits) Acer ComfyView™ LED-backlit TFT LCD 16:9 aspect ratio, color gamut sRGB 100% Wide viewing angle up to 170 degrees Mercury free, environment friendly	5
Graphics	1	**AMD Radeon™ Graphics**	
Audio		• DTS® Audio, featuring optimized bass response and micro-speaker distortion prevention • Two built-in front facing stereo speakers at any display modes by smart amplifier • Acer Purified.Voice technology with dual built-in microphones. Features include far-field pickup, keystroke suppression, 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		**Solid state drive** • 256 GB / 512 GB / 1 TB, PCIe Gen3, 8 Gb/s, NVMe	1, 6
Webcam	1	**Video conferencing** HD webcam with: • 1280 x 720 resolution	

Swift SF314-43 Specifications (v10-0-7)

		• 720p HD audio/video recording • Super high dynamic range imaging (SHDR)	
Wireless and networking	1	**WLAN** • 802.11a/b/g/n+ax wireless LAN • Dual Band (2.4 GHz and 5 GHz) • Supports MU-MIMO RX technology • Supports Bluetooth® 5.2 and later • Wi-Fi M.2 (NGFF) 2230 PCI-E Interface	
Security		Acer Bio-Protection fingerprint solution, featuring computer protection and Windows Hello Certification BIOS user, supervisor, HDD passwords Kensington lock	
Dimensions and weight	7, 8	**Dimensions** • 322.8 (W) x 212.2 (D) x 15.9 (H) mm (12.71 x 8.35 x 0.63 inches) **Weight** • 1.2 kg (2.65 lbs.) with 3-cell battery pack	
Power adapter and battery		**Power adapter** 3-pin 65 W AC adapter: • 95 (W) x 51 (D) x 25.4 (H) mm • 270 g with 180 cm DC cable • 3PHY DC connector **Battery** • 48 Wh 3-cell Li-ion battery • Supports Fast Charging technology Battery life: Up to 12.5 hours (based on MobileMark® 2014 test results) Up to 12.5 hours (based on video playback test results) Up to 10.5 hours (based on web browsing test results) • 40 Wh 3-cell Li-ion battery • Supports Fast Charging technology Battery life: Up to 9 hours (based on MobileMark® 2014 test results) Up to 10 hours (based on video playback test results) Up to 11 hours (based on web browsing test results)	9, 10, 11 9, 10, 11
Input and control		**Keyboard** 83-/84-/87-key Acer FineTip keyboard with international language support 83-/84-/87-key full-size FineTip backlit keyboard with international language support **TouchPad** Multi-gesture touchpad, supporting two-finger scroll; pinch; gestures to open Cortana, Action Center, multitasking; application commands • Microsoft Precision Touchpad certification	

Swift SF314-43 Specifications (v10-0-7)		

Input and output	3.5 mm headphone/speaker jack, supporting headsets with built-in microphone
	DC-in jack for AC adapter
	HDMI® 2.0 port with HDCP support
	USB Type-C
	USB Type-C™ port, supporting:
	  • USB 3.2 Gen 2 (up to 10 Gbps)
	  • DisplayPort over USB-C
	  • USB charging 5 V; 3 A
	  • DC-in port 19 V; 65 W
	USB Standard A
	Two USB Standard-A ports, supporting:
	  • One port for USB 3.2 Gen 1
	  • One port for USB 3.2 Gen 1 featuring power off USB charging	

Windows Store Apps [12]	**In-House**
	  • Quick Access
	Productivity
	  • Cyberlink® PhotoDirector 8
	  • Cyberlink® PowerDirector 14	

Windows Desktop Apps [12]	**Content**
	  • App Explorer
	Games
	  • Planet9
	In-House
	  • Acer Care Center
	  • Acer Product Registration
	Security
	  • GOTrust
	  • Norton™ Internet Security
	  • PC Manager	

Options and accessories	**Accessory** 3-pin 65 W AC adapter	
Warranty	One-year International Travelers Warranty (ITW)	

1. Specifications vary depending on model.
2. 64-bit software is required to enjoy the advantages of 64-bit processing.
3. 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.
4. Memory speed may vary, depending on the CPU, chipset or memory fitted.
5. All brands and product names mentioned herein include trademarks of their respective companies and are used solely to describe or identify the products.
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.

Swift SF314-43 Specifications (v10-0-7)

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: 3rd Gen AMD Ryzen™ 5, FHD, SSD only, 8GB of LPDDR4X 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: 3rd Gen AMD Ryzen™ 5, FHD, SSD only, 8GB of LPDDR4X 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.

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.
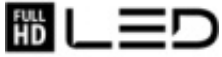
About Acer

Founded in 1976, Acer is now one of the world's top ICT companies and has a presence in over 160 countries. As Acer looks into the future, it is focused on enabling a world where hardware, software and services will fuse with one another to open up new possibilities for consumers and businesses alike. From service-oriented technologies to the Internet of Things to gaming and virtual reality, Acer's 7,000+ employees are dedicated to the research, design, marketing, sale, and support of products and solutions that break barriers between people and technology. Please visit www.acer.com for more information.

Swift SF314-43 Specifications (v10-0-7)

Appendix

v2-0-2 (Ver. 2)

Power adapter and battery and Battery's footnote

v3-0-3 (Ver. 3)

Dimensions and weight

v4-0-4 (Ver. 4)

Power adapter and battery

v5-0-5 (Ver. 5)

Display

v6-0-6 (Ver. 6)

Display

v7-0-6 (Ver. 7)

Power adapter and battery and Battery's footnote

v8-0-6 (Ver. 8)

Wireless and networking

v9-0-7 (Ver. 9)

Input and output

About

Memory

Power adapter and battery and Battery's footnote

v10-0-7 (Ver. 10)

Wireless and networking