![acer](acer logo)

Swift SF314-56G Specifications (v4-0-4)		
Category	**Description**	**Footnotes**
Operating system 1	Windows 10 Home 64-bit	2
CPU and chipset 1	**Intel® Core™ i7-8565U** processor (8 MB Smart Cache, 1.8 GHz with Turbo Boost up to 4.6 GHz, DDR4 or LPDDR3, 15 W) **Intel® Core™ i5-8265U** processor (6 MB Smart Cache, 1.6 GHz with Turbo Boost up to 3.9 GHz, DDR4 or LPDDR3, 15 W) **Intel® Core™ i3-8145U** processor (4 MB Smart Cache, 2.1 GHz with Turbo Boost up to 3.9 GHz, DDR4 or LPDDR3, 15 W)	
Memory 1, 3, 4	DDR4 SDRAM support • 4 GB of single-channel, onboard DDR4 system memory • Up to 8 GB DDR4 system memory, upgradable of 12 GB of dual-channel DDR4 system memory using a single soDIMM module.	
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 Wide viewing angle up to 170 degrees Mercury free, environment friendly	5
Graphics 1	**NVIDIA® GeForce® MX250** with 2 GB of dedicated GDDR5 VRAM, supporting NVIDIA® CUDA™, PhysX™, PureVideo® HD technology, HDMI® and Blu-Ray 3D™, Hardware Video Decode Acceleration, Microsoft® DirectX® 11.2/12, OpenGL® 4.4, OpenCL™ 1.1 **NVIDIA® GeForce® MX150** with 2 GB of dedicated GDDR5 VRAM, supporting NVIDIA® CUDA™, PhysX™, PureVideo® HD technology, HDMI® and Blu-Ray 3D™ support, Hardware Video Decode Acceleration, Microsoft® DirectX® 11.2/12, OpenGL® 4.4, OpenCL™ 1.1	
Audio	• Acer Purified.Voice technology with two built-in microphones. Features include far-field pickup, keystroke suppression, adaptive beam forming, and pre-defined personal and conference call modes. • Acer TrueHarmony technology for lower distortion, wider frequency range, headphone-like audio and powerful sound • Compatible with Cortana with Voice • Certified for Skype for Business • Two built-in stereo speakers	
Storage	**Hard disk drive** • 500 GB / 1 TB / 2 TB 2.5-inch 5400 RPM **Solid state drive** • 512 GB, PCIe Gen3, 8 Gb/s up to 4 lanes, NVMe	6 1, 7

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	• 256 GB, PCIe Gen3, 8 Gb/s up to 4 lanes, NVMe	1, 7
	• 128 GB, PCIe Gen3, 8 Gb/s, NVMe	1, 7
	• 16GB, PCIe Gen3, 8 Gb/s up to 2 lanes, NVMe, supporting Intel® Optane™ Memory	
	Card reader • Supporting: SD™ Card	
Webcam 1	**Video conferencing** HD webcam with: • 1280 x 720 resolution • 720p HD audio/video recording • Super high dynamic range imaging (SHDR)	
Wireless and networking 1	**WLAN** • Intel® Wireless-AC 9560, 802.11a/b/g/n/ac wireless LAN • Dual Band (2.4 GHz and 5 GHz) • 2x2 MU-MIMO technology • Supports Bluetooth® 5.0 **WPAN** • Bluetooth® 5.0	1
Security	Acer Bio-Protection fingerprint solution, featuring computer protection and Windows Hello Certification BIOS user, supervisor, HDD passwords Kensington lock slot	
Dimensions and weight 8, 9	**Dimensions** • 323 (W) x 228 (D) x 17.95 (H) mm (12.72 x 8.98 x 0.71 inches) **Weight** • 1.5 kg (3.31 lbs.) with 4-cell battery pack, one hard drive and one SSD • 1.45 kg (3.2 lbs.) with 4-cell battery pack, one SSD	

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 3220 mAh 15.2 V 4-cell Li ion battery pack
	  Battery life:
	  Up to 12 hours (based on MobileMark® 2014 test results)
	ACPI 5.0 CPU power management standard: supports Standby and Hibernation power-saving modes
		10

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**	

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	Multi-gesture touchpad, supporting two-finger scroll; pinch; gestures to open Cortana, Action Center, multitasking; application commands • Microsoft Precision Touchpad certification • Moisture resistant	
Input and output	USB Type-C™ port supporting: • USB 3.1 Gen 2 (up to 10 Gbps) SD™ Card reader Two USB 3.0 ports with one featuring power-off USB charging USB 2.0 port 3.5 mm headphone/speaker jack, supporting headsets with built-in microphone DC-in jack for AC adapter HDMI® port with HDCP support	
Windows Store Apps 11	**Content** • Movie and Audio Studio **In-House** • Acer Care Center • Acer Collection • Quick Access **Productivity** • Cyberlink® PhotoDirector 8 • Cyberlink® PowerDirector 14 **Tools** • MS Remote Desktop • MS Translator	
Windows Desktop Apps 11	**Content** • App Explorer • Netflix • QQLive • Sohu Video • Stagelight **Games** • Hearts Deluxe • Simple Mahjong • Simple Solitaire • Spades • WildTangent® **In-House** • Acer Configuration Manager • Acer Product Registration **Security** • Norton Internet Security **Tools** • Amazon® Alexa	

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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.
7. 1 GB is 1 billion bytes, 1 TB is 1000 GB. Actual formatted capacity is less and may vary depending on preloaded materials and operating environment. Recovery Management uses a portion of the stated hard disk capacity as dedicated backup space.
8. Minor variations in system dimensions are possible due to the manufacturing process.
9. Weight may vary depending on product configuration, vendor components, manufacturing variability, and selected options.
10. Listed battery life is based on MobileMark 2014® productivity mode testing with wireless on. Details of MobileMark 2014 testing are available at www.bapco.com. Battery life rating is for comparison purposes only. Actual battery life varies by model, configuration, application, power management settings, operating conditions, and features used. A battery's maximum capacity decreases with time and use.
11. 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.

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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.

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Appendix

v2-0-2 (Ver. 2)

Dimensions and weight

v3-0-3 (Ver. 3)

About

Dimensions and weight

v4-0-4 (Ver. 4)

Graphics