Swift 3

Windows 11

intel CORE i7

intel CORE i5

intel CORE i3

QHD
QHD Display with Narrow Bezel

FHD
FHD Display with Narrow Bezel

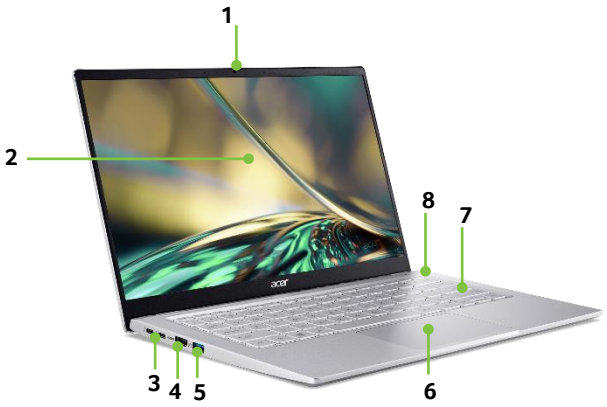
Touchscreen

Long Battery Life

Wi-Fi 6E
Wireless Connection

HDMI
HIGH-DEFINITION MULTIMEDIA INTERFACE

SPECIFICATIONS — Swift 3 — SF314-512 / SF314-512T



Product views	**1.** Webcam **2.** 14" display **3.** USB Type-C (DC-in) / Thunderbolt™ 4 ports	**4.** HDMI® port **5.** USB 3.2 Gen 1 port with power-off charging **6.** Touchpad	**7.** Keyboard **8.** Power button with fingerprint reader **9.** Headset / Speaker jack **10.** USB 3.2 Gen 1 port	**11.** Battery indicator **12.** Power indicator **13.** Kensington lock slot
Operating system[1]	**Windows 11 Home**			
CPU and chipset[1]	**Intel® Core™ i7-1260P** processor **Intel® Core™ i5-1240P** processor **Intel® Core™ i3-1220P** processor			
Memory[1, 2, 3]	Dual-channel LPDDR4X SDRAM support • 16 GB / 8 GB of onboard LPDDR4X system memory			
Display[4]	SF314-512: 14.0" display with IPS (In-Plane Switching) technology, QHD 2560 x 1440,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	SF314-512: 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, 100% sRGB color gamut • Wide viewing angle up to 170 degrees • Stylish and Slim design • Mercury free, environment friendly	SF314-512: 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, 72% NTSC color gamut • Wide viewing angle up to 170 degrees • Mercury free, environment friendly	SF314-512T: 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 with multi-touch • Wide viewing angle up to 170 degrees, NTSC 72% • Slim design • Mercury free, environment friendly
Graphics[1,5]	**Intel® Iris® Xᵉ Graphics**			
Audio	• DTS® Audio, featuring optimized bass response and micro-speaker distortion prevention • Two built-in front facing stereo speakers		• Acer Purified.Voice technology with AI noise reduction in dual built-in microphones • Compatible with Cortana with Voice • Acer TrueHarmony technology	
Storage[1, 6]	**Solid state drive** • 256 GB / 512 GB / 1 TB, PCIe Gen4, 16 Gb/s, NVMe		• 256 GB / 512 GB, PCIe Gen3 8 Gb/s up to 2 lanes, NVMe	
Webcam[1]	**Video conferencing** UFC with (only SF314-512): • T-Type MIPI FHD camera • Compatible with Windows only • 1920 x 1080 resolution • 1080p HD video at 60 fps with Temporal Noise Reduction • Blue glass lens		UFC with: • T-Type USB FHD camera • Compatible with Windows • 1920 x 1080 resolution • 1080p HD video at 60 fps with Temporal Noise Reduction	
Wireless and networking[1]	**WLAN** • Killer Wireless Wi-Fi 6E 1675i (only SF314-512) • Intel® Wireless Wi-Fi 6E AX211 • 802.11 a/b/g/n/ac/ax wireless LAN • Band: 2.4 GHz, 5 GHz and 6 GHz		• 2x2 MU-MIMO technology • Supports Bluetooth® 5.2 and later • Support CNVi interface	
Security	Power keycap supports fingerprint reader with on-host matching design BIOS user, supervisor, HDD passwords			
Dimensions and weight[7,8]	**Dimensions:** 321 (W) x 210.8 (D) x 15.9 (H) mm (12.64 x 8.3 x 0.63 inches) **Weight:** 1.25 kg (2.76 lbs.) with 3-cell battery pack, one SSD			
Power adapter and battery[9,10,11]	Power adapter / Battery (SF314-512) • USB Type-C 65 W PD AC adaptor Battery • 56 Wh 3-cell Li-ion battery Battery life: • Up to 10.5 hours (based on MobileMark® 2018 test results) • Up to 15 hours (based on video playback test results) • Up to 12.5 hours (based on web browsing test results)		Power adapter / Battery (SF314-512T) • USB Type-C 65 W PD AC adaptor Battery • 50 Wh 3-cell Li-ion battery Battery life: • Up to 7 hours (based on MobileMark® 2018 test results) • Up to 8 hours (based on video playback test results) • Up to 7.5 hours (based on web browsing test results)	
Input and control	**Keyboard** 80-/81-/84-key Acer keyboard layout with international language support including indicators of CapsLock and F4/Microphone mute		**Touchpad** Multi-gesture touchpad, supporting two-finger scroll; pinch; gestures to open Cortana, Action Center, multitasking; application commands • Microsoft Precision Touchpad certification • Moisture resistant • OceanGlass™ Touchpad	
Software[12]	**In-House** • Acer Care Center • Acer Configuration Manager • Acer Product Registration • Quick Access		**Productivity** • Cyberlink® PhotoDirector 8 • Cyberlink® PowerDirector 14	
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. 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: 12th Gen Intel® Core™ i3, FHD, Dual SSD, 16GB 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: 12th Gen Intel® Core™ i3, FHD, Dual SSD, 16GB 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.
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