



Swift SF515-51T Specifications (v4-0-4)			
Category		Description	Footnotes
Operating system	1	Windows 10 Home 64-bit	2
CPU and chipset	1	<b>Intel® Core™ i7-8565U</b> processor (8 MB Smart Cache, 1.8 GHz with Turbo Boost up to 4.6 GHz, DDR4 or LPDDR3, 15 W) <b>Intel® Core™ i5-8265U</b> processor (6 MB Smart Cache, 1.6 GHz with Turbo Boost up to 3.9 GHz, DDR4 or LPDDR3, 15 W)	
Memory	1, 3, 4	Dual-channel DDR4 SDRAM support <ul style="list-style-type: none"> <li>• 16 or 8 GB of onboard DDR4 system memory</li> </ul>	
Display		15.6" display with IPS (In-Plane Switching) technology, Full HD 1920 x 1080, high-brightness Acer CineCrystal™ LED-backlit TFT LCD with integrated multi-touch 16:9 aspect ratio Wide viewing angle up to 170 degrees Mercury free, environment friendly	5
Graphics	1	<b>Intel® UHD Graphics 620</b> , supporting OpenGL® 4.3/4.4, OpenCL™ 1.2/2.0, Microsoft® DirectX® 11.3/12, HDMI® 1.4, DP 1.2	
Audio		<ul style="list-style-type: none"> <li>• Acer TrueHarmony technology for lower distortion, wider frequency range, headphone-like audio and powerful sound</li> <li>• Built-in digital microphone</li> <li>• Compatible with Cortana with Voice</li> <li>• Certified for Skype for Business</li> <li>• Two built-in stereo speakers</li> <li>• Optimized Dolby® Audio Premium® sound enhancement, featuring Surround Virtualizer (for headphones and built-in speakers), Dialogue Enhancer, Volume Maximizer, and Bass Enhancer.</li> </ul>	6
Storage		<b>Solid state drive</b> <ul style="list-style-type: none"> <li>• 256 GB / 512 GB, PCIe Gen3 8 Gb/s up to 4 lanes, NVMe</li> <li>• 256 GB / 512 GB, PCIe Gen3 8 Gb/s up to 2 lanes, NVMe</li> </ul>	1, 7 1, 7
Webcam	1	<b>Video conferencing</b> HD webcam with: <ul style="list-style-type: none"> <li>• 1280 x 720 resolution</li> <li>• 720p HD audio/video recording</li> <li>• Super high dynamic range imaging (SHDR)</li> </ul>	
Wireless and networking	1	<b>WLAN</b> <ul style="list-style-type: none"> <li>• Intel® Wireless-AC 9560, 802.11a/b/g/n/ac wireless LAN</li> <li>• Dual Band (2.4 GHz and 5 GHz)</li> <li>• 2x2 MU-MIMO technology</li> <li>• Supports Bluetooth® 5.0</li> </ul>	

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<b>Privacy control</b>	1	BIOS user, supervisor, HDD passwords
<b>Security</b>		Acer Bio-Protection fingerprint solution, featuring computer protection and Windows Hello Certification
<b>Dimensions and weight</b>	8, 9	<p><b>Dimensions</b></p> <ul style="list-style-type: none"> <li>• 358 (W) x 230 (D) x 15.9/15.9 (H) mm (14.09 x 9.06 x 0.63/0.63 inches)</li> </ul> <p><b>Weight</b></p> <ul style="list-style-type: none"> <li>• 0.999 kg (2.2 lbs.) with 3-cell battery pack, one SSD</li> </ul>
<b>Power adapter and battery</b>		<p><b>Power adapter</b></p> <p>3-pin 45 W AC adapter:</p> <ul style="list-style-type: none"> <li>• 95 (W) x 38 (D) x 25.4 (H) mm (3.74 x 1.5 x 1.0 inches)</li> <li>• 150 g with 150 cm DC cable</li> </ul> <p>2-pin 45 W AC adaptor</p> <ul style="list-style-type: none"> <li>• 53.0 (W) x 53.0 (D) x 28.5 (H) mm (2.08 x 2.08 x 1.12 inches)</li> <li>• 160 g with 180 cm DC cable</li> <li>• US - fixed AC pins</li> </ul> <p>2-pin 45 W AC adaptor</p> <ul style="list-style-type: none"> <li>• 53.0 (W) x 53.0 (D) x 28.5 (H) mm (2.08 x 2.08 x 1.12 inches)</li> <li>• 160 g with 180 cm DC cable</li> <li>• EU - fixed AC pins</li> </ul> <p>2-pin 45 W AC adaptor</p> <ul style="list-style-type: none"> <li>• 53.0 (W) x 53.0 (D) x 28.5 (H) mm (2.08 x 2.08 x 1.12 inches)</li> <li>• 160 g with 180 cm DC cable</li> <li>• CN - fixed AC pins</li> </ul> <p><b>Battery</b></p> <ul style="list-style-type: none"> <li>• 54.0 Wh 4670 mAh 11.55 V 3-cell Li-ion battery pack (for models with Full HD IPS Panel + SSD)</li> </ul> <p>Battery life: Up to 10 hours (based on MobileMark® 2014 test results)</p>
<b>Input and control</b>		<p><b>Keyboard</b></p> <p>87-/88-/91-key Acer FineTip backlit keyboard with international language support</p> <p><b>TouchPad</b></p> <p>Multi-gesture touchpad, supporting two-finger scroll; pinch; gestures to open Cortana, Action Center, multitasking; application commands</p> <ul style="list-style-type: none"> <li>• Microsoft Precision Touchpad certification</li> <li>• Moisture resistant</li> </ul>
<b>Input and output</b>		<p>USB Type-C™ port supporting:</p> <ul style="list-style-type: none"> <li>• USB 3.1 Gen 2 (up to 10 Gbps)</li> <li>• DisplayPort over USB-C</li> <li>• USB charging 5 V; 3 A</li> <li>• DC-in port 20 V; 45 W</li> </ul> <p>Two USB 3.0 ports with one featuring power-off USB charging</p> <p>Headphone/speaker jack</p>

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		HDMI <sup>®</sup> port with HDCP support DC-in jack for AC adapter
<b>Windows Store Apps</b>	12	<p><b>Content</b></p> <ul style="list-style-type: none"> <li>• Movie and Audio Studio</li> </ul> <p><b>In-House</b></p> <ul style="list-style-type: none"> <li>• Acer Care Center</li> <li>• Acer Collection</li> <li>• Quick Access</li> </ul> <p><b>Productivity</b></p> <ul style="list-style-type: none"> <li>• Cyberlink<sup>®</sup> PhotoDirector 8</li> <li>• Cyberlink<sup>®</sup> PowerDirector 14</li> </ul> <p><b>Tools</b></p> <ul style="list-style-type: none"> <li>• MS Remote Desktop</li> <li>• MS Translator</li> </ul>
<b>Windows Desktop Apps</b>	12	<p><b>Content</b></p> <ul style="list-style-type: none"> <li>• App Explorer</li> <li>• Netflix</li> <li>• QQLive</li> <li>• Sohu Video</li> <li>• Stagelight</li> </ul> <p><b>Games</b></p> <ul style="list-style-type: none"> <li>• Hearts Deluxe</li> <li>• Simple Mahjong</li> <li>• Simple Solitaire</li> <li>• Spades</li> <li>• WildTangent<sup>®</sup></li> </ul> <p><b>In-House</b></p> <ul style="list-style-type: none"> <li>• Acer Configuration Manager</li> <li>• Acer Product Registration</li> </ul> <p><b>Security</b></p> <ul style="list-style-type: none"> <li>• Norton Internet Security</li> </ul> <p><b>Tools</b></p> <ul style="list-style-type: none"> <li>• Amazon<sup>®</sup> Alexa</li> </ul>
<b>Warranty</b>		One-year International Travelers Warranty (ITW)
<p>Acer recommends Windows.</p> <ol style="list-style-type: none"> <li>1. Specifications vary depending on model.</li> <li>2. 64-bit software is required to enjoy the advantages of 64-bit processing.</li> <li>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.</li> <li>4. Memory speed may vary, depending on the CPU, chipset or memory fitted.</li> <li>5. All brands and product names mentioned herein include trademarks of their respective companies and are used solely to describe or identify the products.</li> </ol>		

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6. Dolby® is a registered trademark of Dolby® Laboratories. Dolby Audio® and Dolby Audio Premium® are trademarks of Dolby® Laboratories.
7. 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.
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](http://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. Listed battery life is based on testing with video playback condition. 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: Intel Celeron CPU, FHD panel, 128 / 256 GB SSD or 64 GB eMMC, 4G / 8G memory. Battery life test condition: LCD brightness 100 nits, headphones connected, WLAN Off, Bluetooth Off, Better battery mode
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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# Swift SF515-51T Specifications (v4-0-4)



# Appendix

## **v2-0-2 (Ver. 2)**

Input and output

## **v3-0-3 (Ver. 3)**

Power adapter and battery

## **v4-0-4 (Ver. 4)**

Graphics