



Aspire AV15-51 Specifications (v6-0-5)		
Category	Description	Footnotes
<b>Operating system</b> 1	Windows 11 Home	
<b>CPU and chipset</b> 1	<b>Intel® Core™ i7-1195G7</b> processor (12 MB Smart Cache, 2.9 GHz with Turbo Boost Max Technology 3.0 up to 5.0 GHz, DDR4 or LPDDR4x, Intel® Iris® X <sup>e</sup> Graphics) <b>Intel® Core™ i5-1155G7</b> processor (8 MB Smart Cache, 2.5 GHz with Turbo Boost up to 4.5 GHz, DDR4 or LPDDR4x, Intel® Iris® X <sup>e</sup> Graphics) <b>Intel® Core™ i3-1115G4</b> processor (6 MB Smart Cache, 3.0 GHz with Turbo Boost up to 4.1 GHz, DDR4 or LPDDR4x)	
<b>Memory</b> 1, 2, 3	DDR4 SDRAM support <ul style="list-style-type: none"> <li>• 4 GB of onboard DDR4 system memory, up to 8GB</li> <li>• Up to 16 GB of dual-channel DDR4 system memory</li> </ul>	
<b>Display</b>	15.6" display with IPS (In-Plane Switching) technology, Full HD 1920 x 1080, Acer ComfyView™ LED-backlit TFT LCD 16:9 aspect ratio, 45% NTSC color gamut Wide viewing angle up to 170 degrees Ultra-slim design Mercury free, environment friendly	4
<b>Graphics</b> 1	<b>Intel® Iris® X<sup>e</sup> Graphics</b> , supporting OpenGL® 4.5, OpenCL™ 2.2, Microsoft® DirectX® 12 <b>Intel® UHD Graphics</b> , supporting OpenGL® 4.5, OpenCL™ 2.2, Microsoft® DirectX® 12	5 5
<b>Audio</b>	<ul style="list-style-type: none"> <li>• 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.</li> <li>• Compatible with Cortana with Voice</li> <li>• Acer TrueHarmony technology for lower distortion, wider frequency range, headphone-like audio and powerful sound</li> </ul>	
<b>Storage</b>	<b>Solid state drive</b> <ul style="list-style-type: none"> <li>• 256 GB / 512 GB / 1 TB, PCIe Gen3, 8 Gb/s, NVMe</li> </ul>	1, 6
<b>Webcam</b> 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> </ul>	
<b>Wireless and networking</b> 1	<b>WLAN</b> <ul style="list-style-type: none"> <li>• Intel® Wireless Wi-Fi 6 AX201</li> </ul>	

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	<ul style="list-style-type: none"> <li>• 802.11a/b/g/n/acR2+ax wireless LAN</li> <li>• Dual Band (2.4 GHz and 5 GHz)</li> <li>• 2x2 MU-MIMO technology</li> <li>• Supports Bluetooth® 5.1</li> <li>• Wi-Fi CNVi Interface</li> <li>• 802.11a/b/g/n+ax wireless LAN</li> <li>• Dual Band (2.4 GHz and 5 GHz)</li> <li>• Supports MU-MIMO RX technology</li> <li>• Supports Bluetooth® 5.2</li> <li>• Wi-Fi M.2 (NGFF) 2230 PCI-E Interface</li> </ul> <b>LAN</b> <ul style="list-style-type: none"> <li>• Gigabit Ethernet, Wake-on-LAN ready</li> </ul>	
<b>Security</b>	Firmware Trusted Platform Module (TPM) solution BIOS user, supervisor, HDD passwords Kensington lock slot	
<b>Dimensions and weight</b> 7, 8	<b>Dimensions</b> <ul style="list-style-type: none"> <li>• 363.4 (W) x 238.5 (D) x 17.9 (H) mm (14.31 x 9.39 x 0.7 inches)</li> </ul> <b>Weight</b> <ul style="list-style-type: none"> <li>• 1.8 kg (3.97 lbs.) with 3-cell battery pack, one SSD</li> </ul>	
<b>Power adapter and battery</b> 9, 10	<b>Power adapter</b> 3-pin 65 W AC adapter <ul style="list-style-type: none"> <li>• 107.0 (W) x 47.0 (D) x 30.0 (H) mm (4.21 (W) x 1.85 (D) x 1.18 (H) inches)</li> <li>• 243 g with 180 cm DC cable</li> </ul> <b>Battery</b> <ul style="list-style-type: none"> <li>• 48 Wh 3-cell Li-ion battery (for models with Full HD IPS Panel + SSD)</li> </ul> Battery life: Up to 7 hours (based on MobileMark® 2018 test results) Up to 9.5 hours (based on video playback test results) Up to 10 hours (based on web browsing test results)	11
<b>Input and control</b>	<b>Keyboard</b> 100-/101-/104-key FineTip backlit keyboard with independent numeric keypad, international language support, and power button <b>Media Keys</b> Media control keys (printed on keyboard): play/pause, stop, previous, next, volume up, volume down <b>TouchPad</b> Multi-gesture secure touchpad, supporting two-finger scroll; pinch; gestures to open Cortana, Action Center, multitasking; Fingerprint application commands <ul style="list-style-type: none"> <li>• Windows Hello Certification</li> <li>• Microsoft Precision Touchpad certification</li> </ul>	

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<b>Input and output</b>	Two USB 3.2 Gen 1 ports with one featuring power-off USB charging USB 2.0 port HDMI® 2.0 port with HDCP support 3.5 mm headphone/speaker jack, supporting headsets with built-in microphone DC-in jack for AC adapter Ethernet (RJ-45) port USB Type-C™ port: USB 3.2 Gen 1 (up to 5 Gbps)	
<b>Windows Store Apps</b>	12 <b>Productivity</b> <ul style="list-style-type: none"> <li>• Cyberlink® PhotoDirector 8</li> <li>• Cyberlink® PowerDirector 14</li> </ul>	
<b>Windows Desktop Apps</b>	12 <b>In-House</b> <ul style="list-style-type: none"> <li>• Acer Care Center</li> <li>• Acer Product Registration</li> </ul>	
<b>Warranty</b>	One-year International Travelers Warranty (ITW)	
<ol style="list-style-type: none"> <li>1. Specifications vary depending on model.</li> <li>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.</li> <li>3. Memory speed may vary, depending on the CPU, chipset or memory fitted.</li> <li>4. All brands and product names mentioned herein include trademarks of their respective companies and are used solely to describe or identify the products.</li> <li>5. Not all features indicated are supported on all SKUs</li> <li>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.</li> <li>7. Minor variations in system dimensions are possible due to the manufacturing process.</li> <li>8. Weight may vary depending on product configuration, vendor components, manufacturing variability, and selected options.</li> <li>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: 11th Gen Intel® Core™ i5, Intel® Iris® Plus Graphics, FHD, SSD only, 8GB of DDR4 memory. Battery life test condition: LCD brightness 150 nits, connected headphones, WLAN off, Bluetooth off and Better Battery Mode on.</li> <li>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: 11th Gen Intel® Core™ i5, Intel® Iris® Plus Graphics, FHD, SSD only, 8GB of DDR4 memory. Battery life test condition: 100 nits LCD brightness, 50% speaker volume, WLAN on, Bluetooth on, no WW direct Internet connection.</li> </ol>		

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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.

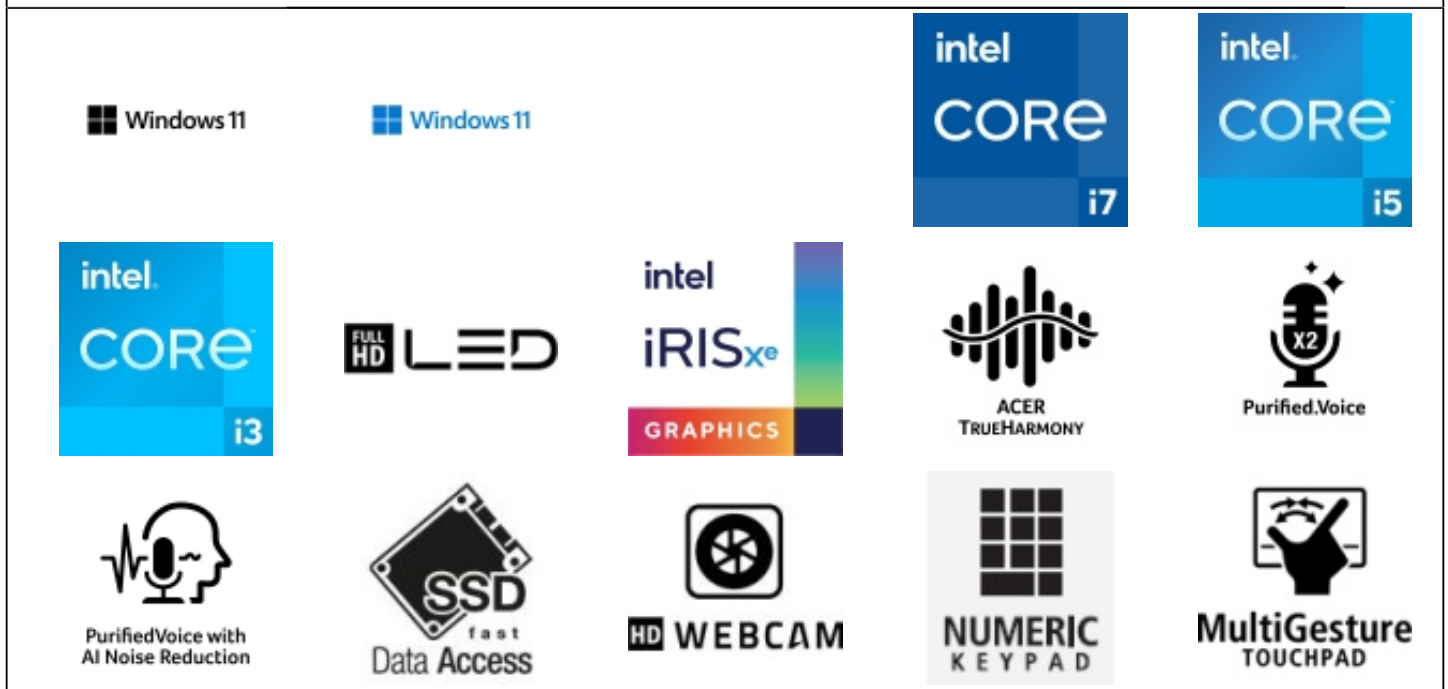
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# Appendix

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

Software

## **v3-0-2 (Ver. 3)**

Power adapter and battery and Battery's footnote

## **v4-0-3 (Ver. 4)**

Power adapter and battery and Battery's footnote

## **v5-0-4 (Ver. 5)**

Power adapter and battery and Battery's footnote

## **v6-0-5 (Ver. 6)**

Wireless and networking

Memory