

Aspire V5-591G Specifications (v6-0-6)			
Category		Description	Footnotes
<b>Operating system</b>	1	Windows 10 Home 64-bit	2
<b>CPU and chipset</b>	1	<p><b>Intel® Core™ i7-6700HQ</b> processor (6 MB L3 cache, 2.6 GHz with Turbo Boost up to 3.5 GHz, DDR3L 1600 MHz, 45 W), supporting Intel® 64 architecture, Intel® Smart Cache</p> <p><b>Intel® Core™ i5-6300HQ</b> processor (6 MB L3 cache, 2.3 GHz with Turbo Boost up to 3.2 GHz, DDR3L 1600 MHz, 45 W), supporting Intel® 64 architecture, Intel® Smart Cache</p> <ul style="list-style-type: none"> <li>• Mobile Intel® PCH Chipset HM170</li> </ul>	
<b>Memory</b>	1, 3, 4	<p>Dual-channel DDR4 SDRAM support:</p> <ul style="list-style-type: none"> <li>• Up to 16 GB of DDR4 system memory, upgradable to 32 GB using two soDIMM modules</li> </ul>	4, 5
<b>Display</b>		<p>15.6" Full HD 1920 x 1080, high-brightness Acer ComfyView™ LED-backlit TFT LCD, supporting Acer ColorBlast technology. 16:9 aspect ratio Ultra-slim design Mercury free, environment friendly</p> <p>15.6" HD 1366 x 768 resolution, high-brightness Acer CineCrystal™ LED-backlit TFT LCD 16:9 aspect ratio Super-slim design Mercury free, environment friendly</p> <p>15.6" HD 1366 x 768 resolution, high-brightness Acer ComfyView™ LED-backlit TFT LCD 16:9 aspect ratio Mercury free, environment friendly</p>	
<b>Graphics</b>	1	<p><b>NVIDIA® GeForce® GTX 950M</b> with 4 GB of dedicated DDR3 VRAM, supporting NVIDIA® CUDA™, PhysX™, PureVideo® HD technology, GPU Battery Boost technology, ShadowPlay technology, GameStream technology, Microsoft® DirectX® 11.2/12, OpenGL® 4.4, OpenCL™ 1.1</p> <p><b>NVIDIA® GeForce® GTX 950M</b> with 2 GB of dedicated DDR3 VRAM, supporting NVIDIA® CUDA™, PhysX™, PureVideo® HD technology, GPU Battery Boost technology, ShadowPlay technology, GameStream technology, Microsoft® DirectX® 11.2/12, OpenGL® 4.4, OpenCL™ 1.1</p>	6 6
<b>Audio</b>		<p>Compatible with Cortana with Voice Certified for Skype for Business Two built-in stereo speakers</p>	7

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		<p>Optimized Dolby® Digital Plus Home Theater® audio enhancement, featuring Audio Optimizer, Audio Regulator, Volume Leveler, Volume Maximizer, Intelligent EQ, Dialogue Enhancer, Surround Virtualizer (for headphones and built-in speakers), and a new touch interface</p> <p>Acer TrueHarmony+ technology for lower distortion, wider frequency range, headphone-like audio and powerful sound</p> <p>Acer Purified.Voice technology with two built-in microphones. Features include far-field pickup, keystroke suppression, voice tracking, adaptive beam forming, voice recognition enhancement</p>
<b>Storage</b>		<p><b>Hard disk drive</b></p> <ul style="list-style-type: none"> <li>• 1 TB / 500 GB 2.5-inch 5400 RPM self-pinning solid state hybrid hard drive with 8 GB Flash memory</li> <li>• 500 GB / 1 TB / 2 TB 2.5-inch 5400 RPM</li> </ul> <p><b>Solid state drive</b></p> <ul style="list-style-type: none"> <li>• 128 / 256 GB, SATA 6 Gb/s</li> </ul>
<b>Webcam</b>	1	<p><b>Video conferencing</b></p> <p>HD webcam with:</p> <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	<p><b>WLAN</b></p> <ul style="list-style-type: none"> <li>• Intel® Dual Band Wireless-AC, 802.11ac/a/b/g/n wireless LAN with Acer Nplify™, featuring MIMO technology</li> <li>• Acer InviLink™ Nplify™ 802.11a/b/g/n wireless LAN</li> <li>• Operates at 2.4 GHz and 5 GHz</li> <li>• 2x2 MIMO technology</li> <li>• 802.11a/b/g/n/ac wireless LAN</li> <li>• Operates at 2.4 GHz and 5 GHz</li> <li>• 2x2 MU-MIMO technology</li> </ul> <p><b>WPAN</b></p> <ul style="list-style-type: none"> <li>• Bluetooth® 4.0</li> <li>• Bluetooth® 2.1+EDR</li> </ul>
<b>Privacy control</b>	1	<p>BIOS user, supervisor, HDD passwords</p> <p>Kensington lock slot</p>
<b>Dimensions and weight</b>	12	<p><b>Dimensions</b></p> <ul style="list-style-type: none"> <li>• 382 (W) x 260 (D) x 27.5/30.3 (H) mm (15.04 x 10.24 x 1.08/1.19 inches)</li> </ul> <p><b>Weight</b></p> <p>2.4 kg (5.29 lbs.) with 6-cell battery pack</p>
<b>Power adapter and battery</b>		<p><b>Power adapter</b></p> <p>3-pin 135 W AC adapter:</p> <ul style="list-style-type: none"> <li>• 148 x 75.5 x 25.4 mm</li> <li>• 480 g with 180 cm DC cable</li> </ul> <p><b>Battery</b></p> <ul style="list-style-type: none"> <li>• 56 Wh 5040 mAh 11.1 V 6-cell Li-ion battery pack</li> </ul>

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		Battery life: Up to 8 hours Up to 8 hours (based on MobileMark® 2014 test results) ACPI 3.0 CPU power management standard: supports Standby and Hibernation power-saving modes
<b>Input and control</b>		<b>Keyboard</b> 103-/104-/107-key FineTip Backlit keyboard with independent standard numeric keypad, international language support, power button <b>TouchPad</b> Multi-gesture touchpad, supporting two-finger scroll; pinch; gestures to open Cortana, Action Center, multitasking; application commands <ul style="list-style-type: none"> <li>• Microsoft Precision Touchpad certification</li> </ul>
<b>Input and output</b>		SD™ Card reader HDMI® port with HDCP support Ethernet (RJ-45) port External display (VGA) port Two USB 3.0 ports with one featuring power-off USB charging USB 2.0 port
<b>Windows Store Apps</b>	14	<b>In-House</b> <ul style="list-style-type: none"> <li>• Acer Explorer</li> </ul>
<b>Windows Desktop Apps</b>	14	<b>Content</b> <ul style="list-style-type: none"> <li>• Amazon® Kindle</li> <li>• iQIYI</li> <li>• LeTV</li> <li>• MagV</li> <li>• Music Maker Jam</li> <li>• Netflix</li> <li>• Sohu Video</li> </ul> <b>Games</b> <ul style="list-style-type: none"> <li>• WildTangent® Games</li> </ul> <b>In-House</b> <ul style="list-style-type: none"> <li>• Acer Care Center</li> <li>• Acer Hover Access</li> <li>• Acer Portal</li> <li>• abDocs</li> <li>• abFiles</li> <li>• abPhoto</li> <li>• Accessory Store</li> <li>• Power Management</li> <li>• Quick Access</li> </ul> <b>Lifestyle</b> <ul style="list-style-type: none"> <li>• Agoda</li> <li>• Booking.com</li> <li>• Hao123</li> </ul>

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	<ul style="list-style-type: none"> <li>• Yandex web link</li> </ul> <p><b>Others</b></p> <ul style="list-style-type: none"> <li>• 3DMe</li> <li>• Cyberlink® PowerDVD™</li> <li>• Personify</li> <li>• RealSense web link</li> <li>• Software value pack</li> <li>• Warrior Wave</li> </ul> <p><b>Productivity</b></p> <ul style="list-style-type: none"> <li>• Avast SecureLine</li> <li>• Office 2013 Trial</li> <li>• PhantomPDF</li> <li>• WPS Office</li> </ul> <p><b>Search</b></p> <ul style="list-style-type: none"> <li>• Firefox</li> <li>• Yahoo search</li> </ul> <p><b>Security</b></p> <ul style="list-style-type: none"> <li>• McAfee® Internet Security</li> <li>• PC Manager</li> </ul> <p><b>Shopping</b></p> <ul style="list-style-type: none"> <li>• Amazon®</li> <li>• Amazon® 1Button</li> <li>• eBay® Worldwide</li> <li>• Gomaji</li> </ul> <p><b>Tools</b></p> <ul style="list-style-type: none"> <li>• App Explorer</li> <li>• Dashlane</li> <li>• Wandoujia PC Client</li> </ul>	15
<b>Options and accessories</b>	3-pin 135 W AC adapter	
<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. 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. A 64-bit operating system is required to enjoy the ultimate performance of 4 GB or higher memory.</li> <li>6. Resolution/refresh rates depend on display capability and color/depth settings.</li> <li>7. Dolby® is a registered trademark of Dolby® Laboratories. Dolby® Home Theater® is a trademark of Dolby® Laboratories.</li> <li>8. 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.</li> </ol>		

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9. 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.
10. Actual throughput may vary depending on network conditions and environmental factors such as network traffic or overhead, building construction and access point settings.
11. Subject to availability.
12. Weight may vary depending on product configuration, vendor components, manufacturing variability, and selected options.
13. The listed battery life is based on MobileMark 2012<sup>®</sup> productivity mode testing with wireless on. Details of MobileMark 2012<sup>®</sup> 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 (including HDD capacity, RAM capacity, processor in use, display type and resolution, etc.), applications, power management settings, operating conditions, and utilized features. A battery's maximum capacity decreases with time and use.
14. Bundled software may vary depending on hardware configuration, OS and regional availability.
15. Some models/configurations may activate to a 1 year subscription for Office 365 Personal, depending on the operating system installed.

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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## Aspire V5-591G Specifications (v6-0-6)



# Appendix

## **v4-0-4 (Ver. 2)**

Graphics

Software

Input and control

Display

About

## **v5-0-5 (Ver. 3)**

Audio

## **v6-0-6 (Ver. 4)**

No changes found!