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Aspire VN7-591G Specifications (v7-0-7)		
Category	**Description**	**Footnotes**
Operating system [1]	Windows 8.1 64-bit	2
CPU and chipset [1]	**Intel® Core™ i7-4710HQ** processor (6 MB L3 cache, 2.50 GHz with Turbo Boost up to 3.50 GHz, DDR3L 1600 MHz, 47 W), supporting Intel® 64 architecture, Intel® Smart Cache **Intel® Core™ i5-4200H** processor (3 MB L3 cache, 2.80 GHz with Turbo Boost up to 3.40 GHz, DDR3L 1600 MHz, 47 W), supporting Intel® 64 architecture, Intel® Smart Cache Mobile Intel® HM86 Express Chipset	
Memory [1, 3, 4]	Dual-channel DDR3 SDRAM support: • Up to 8 GB of DDR3 system memory, upgradable to 16 GB using two soDIMM modules	4, 5
Display	15.6" HD 1366 x 768 resolution, high-brightness Acer ComfyView™ LED-backlit TFT LCD 16:9 aspect ratio Super-slim design Mercury free, environment friendly 15.6" 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 Ultra-slim design Mercury free, environment friendly	6
Graphics [1]	**NVIDIA® GeForce® GTX 860M** with 2 GB of dedicated GDDR5 VRAM, supporting NVIDIA® CUDA™, PhysX™, PureVideo® HD technology, OpenEXR High Dynamic-Range (HDR) technology, Shader Model 5.0, Microsoft® DirectX® 11.2, OpenGL® 4.4, OpenCL™ 1.1	7
Audio	Certified for Skype™ 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 Four built-in stereo speakers Built-in digital microphone	8
Storage	**Card reader** • Supporting: SD™ Card **Hard disk drive**	

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		• 1st HDD: 500 GB / 1 TB / 1.5 TB, 2.5-inch 5400 RPM or SSD: 128 / 256 GB, SATA 6 Gb/s • Optional 2nd HDD 500 GB / 1 TB / 1.5 TB, 2.5-inch 5400 RPM	9
Webcam	1	**Video conferencing** Acer Crystal Eye HD webcam with: • 1280 x 720 resolution • 720p HD audio/video recording	
Wireless and networking	1	**WLAN** • Acer InviLink™ Nplify™ 802.11a/b/g/n wireless LAN • Operates at 2.4 GHz and 5 GHz • 2x2 MIMO technology **WPAN** • Bluetooth® 4.0 **LAN** • Gigabit Ethernet, Wake-on-LAN ready	10, 11 1
Privacy control	1	BIOS user, supervisor, HDD passwords Kensington lock slot	
Dimensions and weight	12	**Dimensions** • 389.6 (W) x 257.5 (D) x 21.9/23.9 (H) mm (15.34 x 10.14 x 0.86/0.94 inches) **Weight** 2.4 kg (5.29 lbs.) with 3-cell battery pack	

Power adapter and battery		**Power adapter**
		3-pin 135 W AC adapter:
		• 148 x 75.5 x 25.4 mm
		• 480 g with 180 cm DC cable
		Battery
		• 52.5 Wh 4605 mAh 11.4 V 3-cell Li-ion battery pack (for models with Full HD Panel + HDD)
		  Battery life:
		  Up to 5 hours (based on MobileMark® 2007 test results)
		  Up to 4 hours (based on MobileMark® 2012 test results)
		  Up to 3 hours (based on video playback test results)
		  Up to 3.5 hours (based on web browsing test results)
		ACPI 5.0 CPU power management standard: supports Standby and Hibernation power-saving modes	

Input and control		**Keyboard** 103-/104-/107-key backlit keyboard with independent standard numeric keypad, international language support **TouchPad** Multi-gesture touchpad, supporting two-finger scroll and pinch. Swipes access charms, application commands • Microsoft Precision Touchpad Certification **Media Keys**	

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	Media control keys (printed on keyboard): play/pause, stop, previous, next, volume up, volume down	
Input and output	SD^{TM} Card reader	
	HDMI® port with HDCP support	
	Ethernet (RJ-45) port	
	Three USB 3.0 ports	
	DC-in jack for AC adapter	
	3.5 mm headphone/speaker jack, supporting headsets with built-in microphone	
Windows Store Apps 13	**Content** • Amazon® Kindle • CANALTOUCH • eReadingNow • Hulu • Hulu Plus • iQIYI • iStoryTime Library • LeTV • Love Wallpaper HD • MagV • myVideo • NetEase Cloud Reading • Netflix • Next Issue Magazines • Sohu Video • TuneIn Radio • VcRead • Zinio^{TM} **Games** • Microsoft® Solitaire Collection • Taptiles **In-House** • Acer Explorer **Lifestyle** • Accuweather • Backpackers • Booking.com • CTRIP Travel • EZTABLE Select • Rakuten Recipes • StumbleUpon • Yandex.Maps • Yandex.Money **Productivity**	

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	• Evernote® Touch	
	Shopping	
	• Amazon®	
	• eBay®	
	• Meituan	
	• Rakuten Gateway	
Windows Desktop Apps 13	**Content**	
	• LOVEFiLM® web link	
	• Spotify	
	Games	
	• Games App	
	• WildTangent® Games	
	In-House	
	• Acer Docs	
	• Acer Media	
	• Acer Photo	
	• Acer Portal	
	• Acer Remote Files	
	• Acer Video Player	
	• Accessory Store	
	• Identity Card	
	• Live Updater	
	• Power Management	
	• Quick Access	
	• Recovery Management	
	Lifestyle	
	• Agoda web link	
	• Booking.com web link	
	• Hao123 web link	
	• Yandex web link	
	• Yandex.Disk Desktop	
	Productivity	
	• Cyberlink® PhotoDirector	
	• Cyberlink® PowerDirector	
	• Kingsoft Office Suite	
	• Microsoft Office 2013	
	• Office 2013	
	Search	
	• Yahoo Search Provider	
	Security	
	• McAfee® Internet Security	
	• PC Manager	
	Shopping	
	• Amazon® 1 Button app	

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	• eBay Worldwide • Gomaji **Tools** • Adobe® Reader® • Launch Manager • Nero BackItUp • Pokki Start Menu • Private WiFi® • Soluto	
Options and accessories	3-pin 135 W AC adapter	
Warranty	One-year International Travelers Warranty (ITW)	

Acer recommends Windows 8.

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. A 64-bit operating system is required to enjoy the ultimate performance of 4 GB or higher memory.
6. All brands and product names mentioned herein include trademarks of their respective companies and are used solely to describe or identify the products.
7. Resolution/refresh rates depend on display capability and color/depth settings.
8. Dolby® is a registered trademark of Dolby® Laboratories. Dolby Digital Plus® and Dolby Digital Plus® Home Theater® are trademarks of Dolby® Laboratories.
9. The second hard disk is only available on devices with an SSD installed.
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. 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

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Established in 1976, Acer is a *hardware + software + services* company dedicated to the research, design, marketing, sale and support of innovative products that enhance people's lives. Acer's product offering includes PCs, displays, projectors, servers, tablets and smartphones — tools our customers need to explore beyond limits and experience more. Acer employs 7,400 people and ranks No. 4 for total PCs globally (IDC 2013). Revenues for 2013 reached US$12.02 billion. Please visit www.acer.com for more information.

Appendix

v3-0-3 (Ver. 2)

Dimensions and weight

v4-0-4 (Ver. 3)

Dimensions and weight

v5-0-5 (Ver. 4)

Storage

v6-0-6 (Ver. 5)

Display

v7-0-7 (Ver. 6)

No changes found!