

Aspire VN7-592G (Win10 HOL) Specifications (v5-0-4)			
Category		Description	Footnotes
Operating system	1	Windows 10 Home 64-bit	2
CPU and chipset	1	<p>Intel® Core™ i7-6700HQ 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>Intel® Core™ i5-6300HQ 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"> • Mobile Intel® PCH Chipset HM170 	
Memory	1, 3, 4	<p>Dual-channel DDR4 SDRAM support:</p> <ul style="list-style-type: none"> • Up to 16 GB of DDR4 system memory, upgradable to 32 GB using two soDIMM modules 	4, 5
Display		<p>15.6" display with IPS (In-Plane Switching) technology, Ultra HD 3840 x 2160, high-brightness, high color gamut (Adobe 100% ratio), Acer ComfyView™ LED-backlit TFT LCD, Acer ColorBlast technology</p> <p>16:9 aspect ratio</p> <p>Wide viewing angle</p> <p>Ultra-slim design</p> <p>Mercury free, environment friendly</p>	6
		<p>15.6" display with IPS (In-Plane Switching) technology, Full HD 1920 x 1080, high-brightness Acer ComfyView™ LED-backlit TFT LCD</p> <p>16:9 aspect ratio</p> <p>Wide viewing angle up to 170 degrees</p> <p>Ultra-slim design</p> <p>Mercury free, environment friendly</p>	6
Graphics	1	<p>NVIDIA® GeForce® GTX 960M with 4 GB of dedicated GDDR5 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>	7
		<p>NVIDIA® GeForce® GTX 960M with 2 GB of dedicated GDDR5 VRAM, supporting NVIDIA® CUDA™, PhysX™, PureVideo® HD technology, HDMI® and Blu-Ray 3D™ support, Hardware Video Decode Acceleration, Microsoft® DirectX® 11.2/12, OpenGL® 4.4, OpenCL™ 1.1</p>	7
		<p>Intel® HD Graphics 530, supporting OpenGL® 4.4, OpenCL™ 2.0, Microsoft® DirectX® 12</p>	7
Audio		Compatible with Cortana with Voice	8

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		<p>Certified for Skype for Business</p> <p>Four built-in stereo speakers</p> <p>Optimized Dolby® Audio® Home Theater sound enhancement, featuring Surround Virtualizer (for headphones and built-in speakers), Dialogue Enhancer, Volume Maximizer, and Bass Enhancer.</p> <p>Acer TrueHarmony Plus 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>
Storage		<p>Card reader</p> <ul style="list-style-type: none">Supporting: SD™ Card <p>Solid state drive</p> <ul style="list-style-type: none">256 GB / 512 GB, PCIe Gen3 8 Gb/s up to 4 lanes, NVMe <p>Hard disk drive</p> <ul style="list-style-type: none">1st HDD: 500 GB / 1 TB / 2 TB, 2.5-inch 5400 RPM or SSD: 128 / 256 GB, SATA 6 Gb/sOptional 2nd HDD 500 GB / 1 TB / 2 TB, 2.5-inch 5400 RPM
Webcam	1	<p>Video conferencing</p> <p>HD webcam with:</p> <ul style="list-style-type: none">1280 x 720 resolution720p HD audio/video recording
Wireless and networking	1	<p>WLAN</p> <ul style="list-style-type: none">Acer InViLink™ Nplify™ 802.11a/b/g/n wireless LANOperates at 2.4 GHz and 5 GHz2x2 MIMO technology802.11a/b/g/n/ac wireless LANOperates at 2.4 GHz and 5 GHz2x2 MU-MIMO technology <p>WPAN</p> <ul style="list-style-type: none">Bluetooth® 4.0 <p>LAN</p> <ul style="list-style-type: none">Gigabit Ethernet, Wake-on-LAN ready
Privacy control	1	<p>BIOS user, supervisor, HDD passwords</p> <p>Kensington lock slot</p>
Dimensions and weight	12	<p>Dimensions</p> <ul style="list-style-type: none">390 (W) x 262.8 (D) x 22.9/22.9 (H) mm (15.35 x 10.35 x 0.9/0.9 inches) <p>Weight</p> <p>2.3 kg (5.07 lbs.) with 3-cell battery pack</p>
Power adapter and battery		<p>Power adapter</p> <p>3-pin 135 W AC adapter:</p> <ul style="list-style-type: none">148 x 75.5 x 25.4 mm480 g with 180 cm DC cable

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		Battery <ul style="list-style-type: none"> 52.5 Wh 4605 mAh 11.4 V 3-cell Li-ion battery pack (for models with Full HD Panel) Battery life up to 6 hours ACPI 5.0 CPU power management standard: supports Standby and Hibernation power-saving modes
Input and control		Keyboard 103-/104-/107-key Acer FineTip keyboard with independent standard numeric keypad, international language support TouchPad Multi-gesture touchpad, supporting two-finger scroll; pinch; gestures to open Cortana, Action Center, multitasking; application commands <ul style="list-style-type: none"> Microsoft Precision Touchpad certification
Input and output		SD™ Card reader HDMI® port with HDCP support 3.5 mm headphone/speaker jack, supporting headsets with built-in microphone Two USB 3.0 ports with one featuring power-off USB charging USB 2.0 port Ethernet (RJ-45) port Type C (Thunderbolt™ 3) port supports USB 3.1 Gen 2 (Up to 10 Gbps) and Thunderbolt devices, as well as any display
Windows Store Apps	13	In-House <ul style="list-style-type: none"> Acer Explorer
Windows Desktop Apps	13	Content <ul style="list-style-type: none"> Amazon® Kindle iQIYI LeTV MagV Music Maker Jam Netflix Sohu Video Games <ul style="list-style-type: none"> WildTangent® Games In-House <ul style="list-style-type: none"> Acer Care Center Acer Portal abDocs abFiles abPhoto Accessory Store Power Management Quick Access Lifestyle

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	<ul style="list-style-type: none"> • Agoda • Booking.com • Hao123 • Yandex web link <p>Others</p> <ul style="list-style-type: none"> • 3DMe • Cyberlink® PowerDVD™ • Personify • RealSense web link • Software value pack • Warrior Wave <p>Productivity</p> <ul style="list-style-type: none"> • Avast SecureLine • Office 2013 Trial • PhantomPDF • WPS Office <p>Search</p> <ul style="list-style-type: none"> • Firefox • Yahoo search <p>Security</p> <ul style="list-style-type: none"> • McAfee® Internet Security • PC Manager <p>Shopping</p> <ul style="list-style-type: none"> • Amazon® • Amazon® 1Button • eBay® Worldwide • Gomaji <p>Tools</p> <ul style="list-style-type: none"> • App Explorer • Dashlane • Wandoujia PC Client 	14
Options and accessories	3-pin 135 W AC adapter	
Warranty	One-year International Travelers Warranty (ITW)	
<ol style="list-style-type: none"> 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. 		

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8. Dolby® is a registered trademark of Dolby® Laboratories. Dolby® Home Theater® is a trademark of Dolby® Laboratories.
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. Bundled software may vary depending on hardware configuration, OS and regional availability.
14. 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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Appendix

v3-0-3 (Ver. 2)

Storage

Audio

Input and output

About

Dimensions and weight

v4-0-4 (Ver. 4)

Dimensions and weight

v5-0-4 (Ver. 5)

Graphics

Software