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# HIGH PERFORMANCE ENCASED IN STYLE

## Aspire V 15 Nitro

- 7th Gen Intel® Core i5/i7
- NVIDIA® GTX 1060
- Dolby Audio™ Premium



Aero Blade  
metal fan



DustDefender



THUNDERBOLT™

Thunderbolt™ 3  
8X Faster than  
USB 3.1 (Gen 1)



Faster  
data transit



Cool Boost  
Thermal

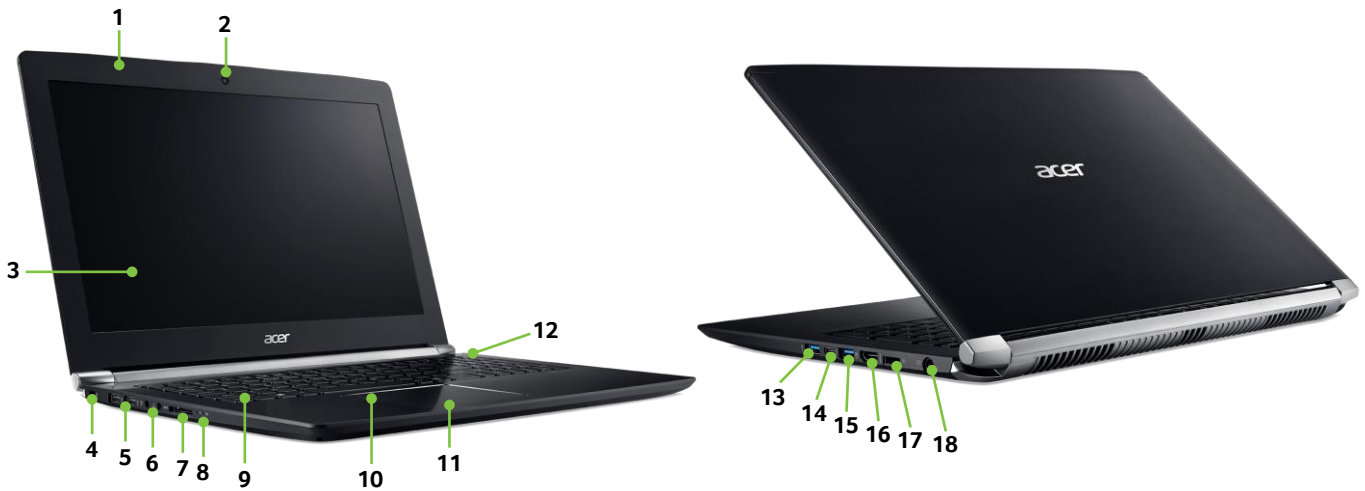


Ultra-fast  
wireless speed

# SPECIFICATIONS

# Aspire V 15 Nitro

# VN7-593G



<b>Product views</b>	<ol style="list-style-type: none"> <li>Dual microphones</li> <li>Webcam</li> <li>15.6" display</li> <li>Kensington lock slot</li> <li>Two USB 2.0 ports</li> <li>Headphone/speaker jack</li> <li>microSD™ card slot</li> <li>LED indicators</li> <li>Keyboard</li> <li>Fingerprint sensor (depends on model purchased)</li> <li>Multi-gesture touchpad</li> <li>Power button</li> <li>USB 3.0 port</li> <li>USB Type-C™ port, supports USB 3.1 Gen 2, DisplayPort™ over USB-C™, Thunderbolt™ 3</li> <li>USB 3.0 port</li> <li>HDMI® port</li> <li>Ethernet (RJ-45) port</li> <li>DC-in jack for AC adapter</li> </ol>
<b>Operating system</b> <sup>1,2</sup>	<b>Windows 10 Home 64-bit</b>
<b>CPU and chipset</b> <sup>1</sup>	<b>Intel® Core™ i7-7700HQ</b> processor <b>Intel® Core™ i5-7300HQ</b> processor Intel® HM175 Mobile PCH chipset
<b>Memory</b> <sup>1,3,4,5</sup>	Dual-channel DDR4 SDRAM support: • Up to 16 GB of DDR4 system memory, upgradable to 32 GB using two soDIMM modules
<b>Display</b> <sup>6</sup>	15.6" display with IPS (In-Plane Switching) technology, Ultra HD 3840 x 2160, high-brightness Acer ComfyView™ LED-backlit TFT LCD • 16:9 aspect ratio • Wide viewing angle • Ultra-slim design • Mercury free, environment friendly
<b>Graphics</b> <sup>1</sup>	<b>NVIDIA® GeForce® GTX 1060</b> with 6 GB of dedicated GDDR5 VRAM (only available on selected models) <b>NVIDIA® GeForce® GTX 1050 Ti</b> with 4 GB of dedicated GDDR5 VRAM
<b>Audio</b> <sup>7</sup>	Acer TrueHarmony Plus technology for lower distortion, wider frequency range, headphone-like audio and powerful sound Acer Purified.Voice technology with two built-in microphones.
<b>Storage</b> <sup>1,8</sup>	<b>Solid state drive:</b> • 256 GB / 512 GB, PCIe Gen3 8 Gb/s up to 4 lanes, NVMe • 128 / 256 / 512 GB, SATA 6 Gb/s <b>Hard disk drive:</b> • 500 GB / 1 TB / 2 TB 2.5-inch 5400 RPM <b>Card reader:</b> • microSD™ Card
<b>Webcam</b> <sup>1</sup>	HD camera with 1280 x 720 resolution, 720p HD audio/video recording
<b>Wireless and networking</b> <sup>1</sup>	<b>WLAN</b> • 802.11a/b/g/n/ac wireless LAN • Operates at 2.4 GHz and 5 GHz • 2x2 MU-MIMO technology <b>WPAN:</b> Bluetooth® 4.0 <b>LAN:</b> Gigabit Ethernet, Wake-on-LAN ready
<b>Privacy control</b> <sup>1</sup>	Trusted Platform Module (TPM) solution, BIOS user, supervisor, HDD passwords, Kensington lock slot
<b>Dimensions and weight</b> <sup>9</sup>	<b>Dimensions:</b> 391 (W) x 266 (D) x 24.9 (H) mm (15.39 x 10.47 x 0.98 inches) (with GTX 1060) or 391 (W) x 266 (D) x 22.5 (H) mm (15.39 x 10.47 x 0.89 inches) <b>Weight:</b> 2.6 kg (5.73 lbs.) with 4-cell battery pack (with GTX 1060) or 2.5 kg (5.51 lbs.) with 3-cell battery pack (with GTX 1050 Ti)
<b>Power adapter and battery</b> <sup>9,10</sup>	<b>Power adapter:</b> 3-pin 180 W AC adapter (GTX 1060 only) 3-pin 135 W AC adapter (GTX 1050 Ti only) <b>Battery:</b> 70 Wh 4605 mAh 15.2 V 4-cell Li-ion battery (GTX 1060 only) • Battery life up to 6 hours (5 hours with UHD panel) 52.5 Wh 4605 mAh 11.4 V 3-cell Li-ion battery (GTX 1050 Ti only) • Battery life up to 6 hours (5 hours with UHD panel)
<b>Input and control</b>	<b>Keyboard:</b> 103-/104-/107-key, Acer FineTip backlit keyboard with independent standard numeric keypad, international language support <b>Touchpad:</b> Multi-gesture secure touchpad, supporting two-finger scroll; pinch; gestures to open Cortana, Action Center, multitasking; Fingerprint application commands • Windows Hello Certification • Microsoft Precision Touchpad certification Multi-gesture touchpad, supporting two-finger scroll; pinch; gestures to open Cortana, Action Center, multitasking; application commands • Microsoft Precision Touchpad certification
<b>Windows Desktop apps</b> <sup>11</sup>	• Acer Care Center • Acer Portal • abFiles • abPhoto • Office 2016 • McAfee® Internet Security
<b>Options and accessories</b>	3-pin 180 W AC adapter 3-pin 135 W AC adapter
<b>Warranty</b>	One-year International Travelers Warranty (ITW)

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. Dolby® is a registered trademark of Dolby® Laboratories. Dolby Audio® and Dolby Audio Premium® are trademarks of Dolby® Laboratories.  
 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.  
 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. 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

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 offerings include PCs, displays, projectors, servers, tablets, smartphones and wearables. It is also developing cloud solutions to bring together the Internet of Things. Acer is celebrating its 40<sup>th</sup> anniversary in 2016 and is one of the world's top 5 PC companies. It employs 7,000 people worldwide and has a presence in over 160 countries. Please visit [www.acer.com](http://www.acer.com) for more information.