Nitro 5

- NVIDIA®GeForce® GTX 1050Ti *
- 7th Gen Intel® Core™ i7 Processors *
- Advanced Cooling Technology
- Dolby Audio™ Premium

* Specifications may vary depending on model and/or region.

Windows

intel CORE i7 7th Gen

intel CORE i5 7th Gen

DDR4
Faster data transit

CoolBoost technology

DOLBY AUDIO PREMIUM
Premium home theater sound anywhere.

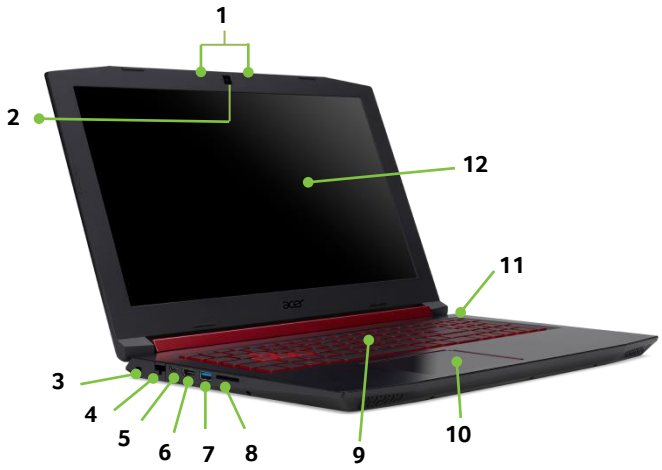
Acer TrueHarmony™

IPS
In-Plane Switching
Wide viewing angle

MIMO
Up to 2X Faster Wireless

1920 × 1080 FHD
Resolution

SPECIFICATIONS Nitro AN515-51



Product views	**1.** Microphones **2.** Webcam **3.** Kensington lock slot **4.** Ethernet (RJ-45) port **5.** USB Type-C™ port (USB 3.1 Gen 1) **6.** HDMI® 2.0 port	**7.** USB 3.0 port with power-off charging **8.** SD™ card reader **9.** Keyboard **10.** Touchpad **11.** Power button **12.** 15.6" LCD display	**13.** Headset/speaker jack **14.** Two USB 2.0 ports **15.** Power indicator **16.** Battery indicator **17.** Power connector (DC-in)
Operating system[1, 2]	Windows 10 Home 64-bit		
CPU and chipset[1]	**Intel® Core™ i7-7700HQ** processor **Intel® Core™ i5-7300HQ** processor Intel® HM175 Mobile PCH chipset		
Memory[1, 3, 4, 5]	Dual-channel DDR4 SDRAM support: ● Up to 16 GB of DDR4 system memory, upgradable to 32 GB using two soDIMM modules		
Display[6]	15.6" display with IPS (In-Plane Switching) technology, Full HD 1920 x 1080, high-brightness (300 nits) Acer ComfyView™ LED-backlit TFT LCD ● 16:9 aspect ratio, NTSC 72% ● Wide viewing angle up to 170 degrees ● Ultra-slim design ● Mercury free, environment friendly	15.6" display with IPS (In-Plane Switching) technology, Full HD 1920 x 1080, Acer ComfyView™ LED-backlit TFT LCD ● 16:9 aspect ratio ● Wide viewing angle up to 170 degrees ● Ultra-slim design ● Mercury free, environment friendly	
Graphics[1]	**NVIDIA® GeForce® GTX 1050 Ti** with 4 GB of dedicated GDDR5 VRAM **NVIDIA® GeForce® GTX 1050** with 4 GB / 2 GB of dedicated GDDR5 VRAM		
Audio	● Optimized Dolby® Audio Premium® sound enhancement ● Acer TrueHarmony Plus technology for lower distortion, wider frequency range, headphone-like audio and powerful sound ● Two built-in digital microphones	● Compatible with Cortana with Voice ● Certified for Skype for Business ● Two built-in stereo speakers	
Storage[1, 7]	**Solid state drive** ● 512 / 256 / 128 GB, SATA 6 Gb/s SSD	**Hard disk drive** ● 1 TB 2.5-inch 5400 RPM HDD	**Card Reader** ● SD™ / SDXC™ card reader (accepts cards up to 128 GB capacity)
Webcam[1]	● HD webcam with 1280 x 720 resolution and 720p HD audio/video recording. ● Super high dynamic range imaging (SHDR)		
Wireless and networking[1]	**WLAN** ● Intel® Dual Band Wireless-AC, 802.11ac/a/b/g/n wireless LAN with Acer Nplify™ ● Operates at 2.4 GHz and 5 GHz ● 2x2 MIMO technology	**WPAN** ● Bluetooth® 4.0	
Privacy control[1]	BIOS user, supervisor, HDD passwords Kensington lock slot		
Dimensions and weight[8]	**Dimensions:** 390 (W) x 266 (D) x 26.75 (H) mm (15.35 x 10.47 x 1.05 inches) **Weight:** 2.7 kg (5.95 lbs.) with 4-cell battery pack		
Power adapter and battery[9]	ACPI 5.0 CPU power management standard: supports Standby and Hibernation power-saving modes **Power adapter:** 3-pin 135 W AC adapter **Battery:** 48 Wh 3220 mAh 15.2 V 4-cell Li-ion battery Battery life up to 7 hours		
Input and control	**Keyboard:** 103-/104-/107-key Acer FineTip keyboard with independent standard numeric keypad, international language support **Touchpad:** Multi-gesture touchpad with two buttons, supporting two-finger scroll; pinch; gestures to open Cortana, Action Center, multitasking; application commands ● Microsoft Precision Touchpad certification		
Windows Desktop Apps[10]	● Acer Care Center ● Acer Collection ● Acer Configuration Manager	● Acer Hover Access ● Acer Portal	● Quick Access ● Office 2016
Warranty	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. 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.
8. Weight may vary depending on product configuration, vendor components, manufacturing variability, and selected options.
9. 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. 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.
10. 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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