

acer



NITRO 5

- 8th Gen Intel® Core™ i7¹ Processor
- NVIDIA® GeForce® GTX 1050Ti¹ Graphics
- Acer NitroSense
- Dolby Audio™ Premium

1. Specifications may vary depending on model and/or region. All models subject to availability.



Ultimate Graphics
Platform for VR



Faster
data transit



Acer NitroSense



CoolBoost
technology



TrueHarmony™



Wide viewing angle

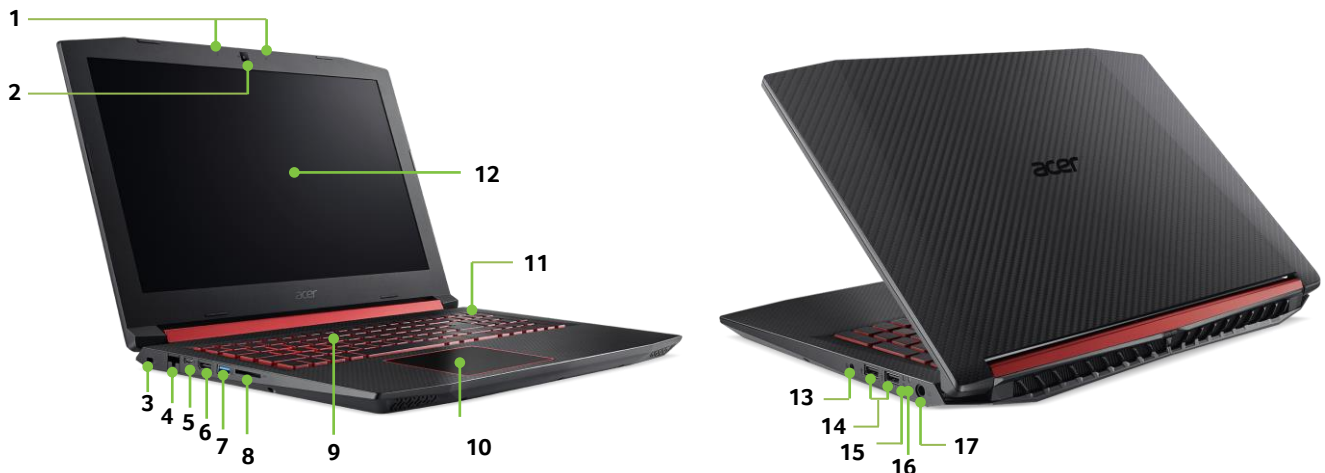


Ultra-fast
wireless speed

SPECIFICATIONS

NITRO

AN515-52



Product views	<ol style="list-style-type: none"> Microphones Webcam Kensington lock slot Ethernet (RJ-45) port USB Type-C™ port (USB 3.1 Gen 1) HDMI® 2.0 port USB 3.0 port with power-off charging SD™ card reader Keyboard Touchpad Power button 15.6" LCD display 	<ol style="list-style-type: none"> Headset/speaker jack Two USB 2.0 ports Power indicator Battery indicator Power connector (DC-in)
Operating system ^{1,2}	Windows 10 Home 64-bit	
CPU and chipset ¹	Intel® Core™ i7-8750U processor	Intel® Core™ i5-8300U processor
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, supporting 144 Hz refresh rate. ● 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, 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
Graphics ¹	NVIDIA® GeForce® GTX 1060 with 6 GB of dedicated GDDR5 VRAM NVIDIA® GeForce® GTX 1050 Ti with 4 GB of dedicated GDDR5 VRAM NVIDIA® GeForce® GTX 1050 with 4 GB of dedicated GDDR5 VRAM	
Audio	<ul style="list-style-type: none"> Optimized Dolby® Audio Premium® sound enhancement Two built-in microphones Acer TrueHarmony Plus technology for lower distortion, wider frequency range, headphone-like audio and powerful sound 	<ul style="list-style-type: none"> Compatible with Cortana with Voice Certified for Skype for Business Two built-in stereo speakers
Storage ^{1,7}	Solid state drive ● 512 GB / 256 GB / 128 GB, SATA 6 Gb/s ● 512 GB / 256 GB, PCIe Gen3, 8 Gb/s up to 4 lanes, NVMe ● 16GB, PCIe Gen3, 8 Gb/s up to 2 lanes, NVMe, supporting Intel® Optane™ Memory	Hard disk drive ● 2 TB / 1 TB 2.5-inch 5400 RPM ● 1 TB 2.5-inch 7200 RPM Card Reader ● SD™ / SDXC™ card reader (accepts cards up to 128 GB capacity)
Webcam ¹	Video conferencing : ● 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® Wireless-AC 9560, 802.11a/b/g/n/ac wireless LAN ● Dual Band (2.4 GHz and 5 GHz) ● 2x2 MU-MIMO technology ● Supports Bluetooth® 5.0	LAN ● Gigabit Ethernet, Wake-on-LAN ready
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, one hard drive and one SSD ● 2.5 kg (5.51 lbs.) with 4-cell battery pack, one SSD	
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 FineTip backlit keyboard with independent standard numeric keypad, international language support and power button Touchpad: Multi-gesture touchpad, supporting two-finger scroll; pinch; gestures to open Cortana, Action Center, multitasking; application commands ● Microsoft Precision Touchpad certification	
Windows Desktop Apps ¹⁰	<ul style="list-style-type: none"> Acer Care Center Acer Collection 	<ul style="list-style-type: none"> Acer Configuration Manager Acer Product Registration
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. 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.
 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. Bundled software may vary depending on hardware configuration, OS and regional availability.
 10. Microsoft and Windows are registered trademarks of Microsoft Corporation.
 Intel, Intel Core, Core Inside, Pentium, and Pentium Inside are trademarks of Intel Corporation in the U.S. and other countries.

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Founded in 1976, Acer is now one of the world's top ICT companies and has a presence in over 160 countries. As Acer looks into the future, it is focused on enabling a world where hardware, software and services will fuse with one another to open up new possibilities for consumers and businesses alike. From service-oriented technologies to the Internet of Things to gaming and virtual reality, Acer's 7,000+ employees are dedicated to the research, design, marketing, sale, and support of products and solutions that break barriers between people and technology. Please visit www.acer.com for more information.