

acer



NITRO 5

- AMD Radeon™ RX560 Graphics¹
- AMD Ryzen™ 5 2500U¹
- Acer NitroSense
- Dolby Audio™ Premium

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



Data Access



Faster data transit



Acer NitroSense



CoolBoost technology



TrueHarmony™

IPS
In-Plane Switching

Wide viewing angle



Ultra-fast wireless speed

SPECIFICATIONS

NITRO

AN515-42



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 chipset¹	AMD RYZEN™ 5 2500U quad-core processor (up to 2 MB L2 cache, up to 4 MB L3 cache, 2.0 GHz with Precision Boost up to 3.6 GHz, 15 W)		
Memory^{1,3,4,5}	Dual-channel DDR4 SDRAM support: ● 16 GB DDR4 system memory, upgradable to 32 GB using two soDIMM modules		
Display⁶	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 ● Wide viewing angle up to 170 degrees ● Ultra-slim design ● Mercury free, environment friendly		
Graphics³	AMD Radeon™ RX 560 with 4 GB of dedicated GDDR5 VRAM		
Audio	● 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 ● Compatible with Cortana with Voice ● Certified for Skype for Business ● Two built-in stereo speakers		
Storage^{1,7}	Solid state drive ● 256 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)
Webcam¹	Video conferencing : ● HD webcam with 1280 x 720 resolution and 720p HD audio/video recording. ● Super High dynamic range imaging (SHDR)		
Wireless and networking¹	WLAN ● 802.11ac/a/b/g/n wireless LAN ● Operates at 2.4 GHz and 5 GHz	WPAN ● Bluetooth® 5.0	LAN ● Gigabit Ethernet, Wake-on-LAN ready
Privacy control¹	BIOS user, supervisor, HDD passwords Kensington lock slot		
Dimensions and weight⁸	Dimensions: 390 (W) x 266 (D) x 26.75 (H) mm Weight: ● 2.7 kg (5.95 lbs.) with 4-cell battery pack, one hard drive and one SSD		
Power adapter and battery⁹	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 5 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 Apps¹⁰	● Acer Care Center ● Acer Collection	● Acer Configuration Manager ● Acer Product Registration	● Quick Access ● NitroSense
Warranty	2 Year warranty with one-year International Travelers Warranty (ITW)		
Partnumber/EAN	NH.Q3REH.003 / 4713883745116		
Short specification	Acer Nitro 5 AN515-42-R1KB - 15.6" FHD IPS ComfyView™ LED - AMD Ryzen™ 5 2500U - 16GB DDR4 - 256GB SSD + 1TB HDD - AMD Radeon™ RX 560 4GB GDDR5 - No ODD - WLAN ac/b/g/n + BT - 4-cell battery - HD webcam with 2 Microphones - Windows 10 Home - Backlit AZERTY Keyboard		
1.	Specifications vary depending on model.	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.
2.	64-bit software is required to enjoy the advantages of 64-bit processing.	8.	Weight may vary depending on product configuration, vendor components, manufacturing variability, and selected options.
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.	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.
4.	Memory speed may vary, depending on the CPU, chipset or memory fitted.	10.	
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.		

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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