

acer

PRODUCT SUMMARY

NITRO 5

Marketing Name

NITRO 5

Model Name

AN515-54

AN517-51









NITRO 5

Explore and enjoy a new level of gaming with the powerful Nitro 5. The solid, understated design houses a full HD screen and a line-up of impressive tech that enhances every aspect of gameplay and bringing you a more immersive experience.

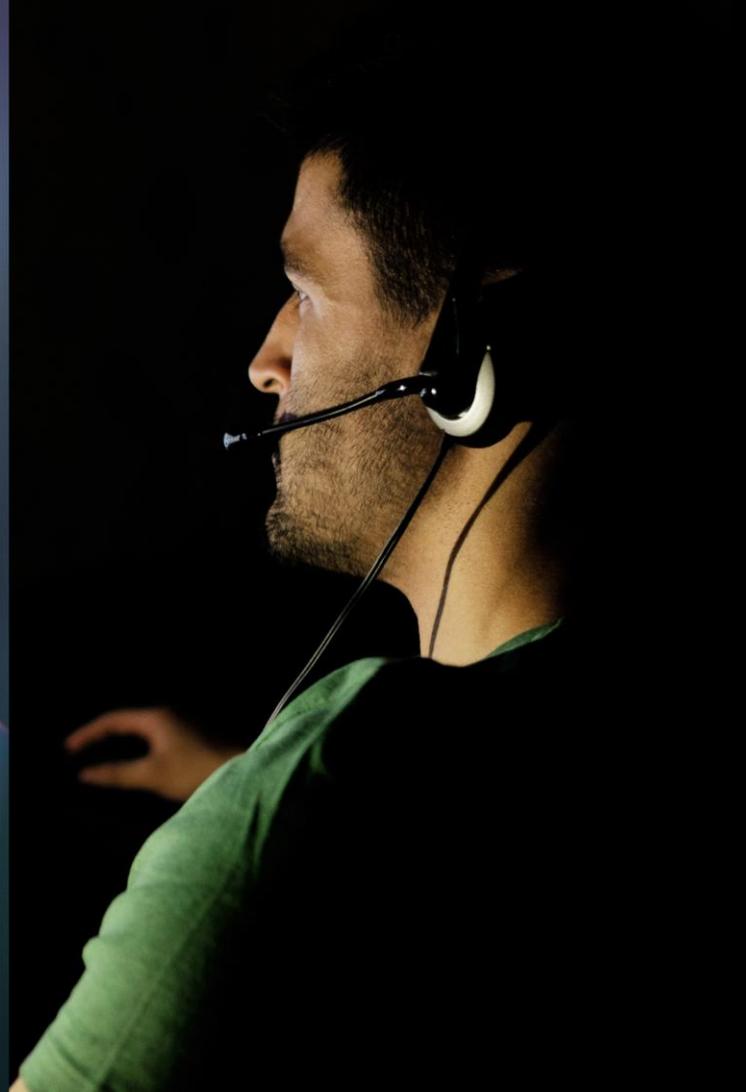


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TARGET AUDIENCE

CASUAL GAMERS

The Nitro audience consists of gamers who are ready for something better. They want improvement across the board—better gameplay, extra features and a more immersive experience. They see Nitro products as devices that enhance their gaming while affirming their status as players who want to take things to the next level. They play all kinds of games and have an easy-going attitude; for them, gaming is fun and a great way to relax, but not an all-consuming obsession.





1. Visual Intensity

Explore games in greater detail with the sharp visuals of a 17.3" or 15.6" FHD IPS display. Enjoy smooth, blur-free gameplay with a **144Hz¹** refresh rate and a **3ms response time overdrive¹**. Boost your **screen-to-body ratio to 80%** with **narrow 7.18mm bezels¹** and savor the lifelike colors of the **72% NTSC, 300-nit panel¹**.

1. Specifications vary depending on model and/or region.



2. Dominating Specs

Reign over the game world with the combined power of a **Next-Gen Intel[®] Core[™] processor¹** and the latest **NVIDIA[®] GeForce[®] GTX graphics**. Configure your laptop for maximum speed and massive storage with **two M.2 Gen3 x4 PCIe SSDs** using NVMe technology in **Raid 0¹** and **up to 32GB of DDR4 RAM**. The large-capacity **58Wh battery¹** **supports** a longer lifespan.

1. Specifications vary depending on model and/or region.



3. Coolness Under Fire

When heavy use requires an added boost, chill out with dual fans and **Acer CoolBoost[™] technology**. CoolBoost[™] increases fan speed by 10% and CPU/GPU cooling by 9% compared to auto mode. Monitor and manage your system in real time with **NitroSense**, covering temperatures, fan speeds and more.



4. The Key to Victory

Commands are just a touch away with the dedicated **NitroSense Key**, while the WASD and arrow keys are highlighted for easy location. Enjoy the tactile feel of keys with a travel distance of 1.6mm. Add some excitement to your gaming and play in dimly lit environments with **the red backlit keyboard**.



5. Breaking the Sound Barrier

Better audio delivers a competitive edge as well as a more immersive experience. Invigorate your gaming and enjoy crushing audio as **Waves MaxxAudio®** meets **Acer TrueHarmony™**. Get intelligent bass, dialog and volume enhancement with Waves MaxxAudio®, and deeper, richer sounds with Acer TrueHarmony™.



6. Killer Connectivity

Get an edge online by taking control of your network and prioritizing your gameplay with **Killer™ Ethernet E2500¹**. Effortlessly stream your gameplay with Gigabit Wi-Fi 5 with **2x2 MU-MIMO** technology. Plug all your peripherals into the full range of ports, including **HDMI 2.0**, **USB Type-C™ Gen1** and more.

1. Specifications vary depending on model and/or region

Fundamentals		Next-Gen Intel® Core™ Processor ¹	Cooling/Control		Acer NitroSense
		The latest NVIDIA® GeForce® GTX graphics			Acer Coolboost™ Technology
		Dual M.2 Supporting PCIe SSD	Audio		Waves MaxxAudio®
		Support PCIe NVMe SSD in RAID 0 ¹			Acer TrueHarmony™
		Up to 32GB DDR4	Connectivity		Killer™ Ethernet E2500 or Acer Network Optimizer
		Long Battery Life (58Whr/55Whr)			Gigabit Wi-Fi 5with 2x2 MU-MIMO Technology
Display		144 Hz Display ¹	Keyboard		Red Backlit Keyboard
		3ms Overdrive Response Time ¹		1. Specifications may vary depending on model and/or region. All models subject to availability.	
		Narrow Bezel with 80% Screen-to-body Ratio			
		15.6"/ 17.3" FHD IPS Display			

A Sense of Control

Exercise control over every aspect of your gaming PC. Call up the NitroSense UI with a single touch of the dedicated NitroSense key to instantly visualize your component temperature, loading performance, power plan and more.

Monitor fan speed and adjust in real time by setting fans to automatic, customizing their speed or setting them to max when the heat is on. Easily turn CoolBoost™ on or off as needed, and keep an eye on your CPU and GPU temperature, with data retained for one hour.

Additionally, you can set up your power plan to achieve optimal power usage in different scenarios, utilize Acer TrueHarmony's™ six different sound modes, turn sticky keys on or off and activate the LCD overdrive to bring the display response time down to 3ms.



Prioritize Your Gameplay

Killer™ Ethernet E2500

Ensure your gaming isn't held back by poor network performance with Killer™ Ethernet E2500. Say goodbye to video freezes and get up to 25% improved latency performance during single application usage, and potentially more than 10x faster performance when multitasking. This Ethernet controller automatically detects and prioritizes games, videos and chat and delivers them the lion's share of the bandwidth. Get hands-on with the Killer Control Center, which allows you to adjust the bandwidth delivery to all your apps and even your websites to make sure you get a premium experience no matter what you're doing.



Prioritize Your Gameplay

Acer Network Optimizer

Optimize your online gaming and keep the data flowing fast and strong with the force of Acer Network Optimizer. Select the Auto Mode, which categorizes and prioritizes programs to eliminate network issues. Alternatively, manually adjust the priorities, change the bandwidth for each application, or even block specific applications to get the best network experience.



The screenshot displays the Acer Network Optimizer interface with a list of applications. The interface includes a 'Back' button at the top left, a settings gear icon, and a close 'X' icon at the top right. The list is organized into columns: Group, Application, Limitation, Priority, and Block. Each application row features a group icon, the application name, up/down arrows for limitation, a gauge for priority, and a lock icon for block status.

Group	Application	Limitation	Priority	Block
Internet	Google Chrome	0 Kbytes	Low	Unlocked
Game	Battle.net Update Agent	0 Kbytes	Low	Unlocked
Game	Battle.net desktop app	0 Kbytes	Low	Unlocked
Game	爱奇艺PPS影音 安装程序	0 Kbytes	Low	Unlocked
Game	爱奇艺网络数据传输组件	10 Kbytes / 68 Kbytes	Medium	Unlocked
Game	爱奇艺PPS影音	0 Kbytes	High	Unlocked
Game	爱奇艺PPS影音	0 Kbytes	High	Unlocked
Game	爱奇艺PPS影音浏览器	0 Kbytes	High	Unlocked



Sound. The Way it was meant to be heard.

Waves MaxxAudio®

MaxxBass®

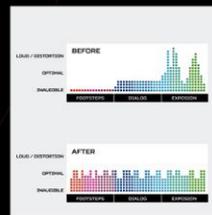
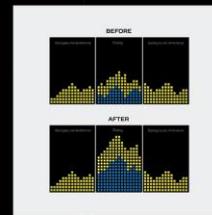
Intelligent bass enhancement. The leading bass enhancer on the planet, intelligently boosting audible tones to deliver thundering lows you can hear and feel, even on small speakers or headsets.

MaxxDialog™

Intelligent dialog booster. MaxxDialog intelligently distinguishes dialog from music and sound effects.

MaxxVolume®

Intelligent volume enhancer. Delivers maximum volume and clarity without distortion, heightening the subtlest sonic details in every game.





NITRO SERIES

THE BEST IS YET TO COME