Model	Acer® Nitro 5 AN515-57-59EY Gaming Laptop

NITRO 5
TAKE THE GAME TO THEM

Windows 11

Take the Game to Them

Dominate the battlefield with Acer's new Nitro 5 gaming laptop, including everything you need to take control of the action. The powerful Nitro 5 laptop was developed to deliver an iconic gaming experience courtesy of the many awesome features inside, including its 11th Gen Intel® Core™ processor and high-performance NVIDIA® GeForce GTX 1650 graphics—that's powered by NVIDIA Turing™ GPU architecture! Next, toss in its quick 15.6" FHD IPS 144Hz refresh rate display, awesome mobility, advanced cooling and stellar audio capabilities, and all of the other gaming-rich features, and you quickly see why the Nitro 5 delivers a knockout blow to the competition!

High Level Specifications

- Great performance meets long battery life with the Intel® Core™ i5-11400H Processor - up to 4.50 GHz, 6 cores, 12 threads, 12 MB Intel Smart Cache
- NVIDIA® GeForce® GTX 1650 with 4 GB of dedicated GDDR6 VRAM
- 15.6" Full HD Widescreen LED-backlit IPS Display (1920 x 1080 resolution; 144Hz Refresh Rate, 16:9 aspect ratio)
- 8GB DDR4 3200MHz Memory
- 512GB NVMe SSD (1 - PCIe M.2 Slot Available)
- DTS: X® Ultra Audio
- Acer TrueHarmony Technology
- Two Built-in Stereo Speakers
- 1 - USB Type-C Port USB 3.2 Gen 2 (up to 10 Gbps) DisplayPort over USB Type-C
- 1 - USB 3.2 Gen 2 Port (Featuring Power-off Charging) and 2 - USB 3.2 ports
- 1 - HDMI 2.0 port
- Killer™ Wi-Fi 6 1650 featuring 2x2 MU-MIMO technology (Dual-Band 2.4GHz and 5GHz)
- Killer™ Ethernet E2600 10/100/1000 Gigabit Ethernet LAN
- Bluetooth® 5.1
- Red Backlit Keyboard
- Lithium-Ion Battery, Up to 8 Hours Battery Life
- Windows 11 Home

What's in the Box

- Laptop
- AC Adapter & Power Cord
- Hard Drive Upgrade Kit

Key Features

intel CORE i5 | NVIDIA GEFORCE GTX | Windows 11
144Hz
USB 3.2 Reversible Type-C Connector | USB 3.2 Power-Off USB Charging | KILLER WI-FI 6 AX1650 | KILLER ETHERNET E2600 | dts X Ultra

Web Description

Acer Nitro 5 AN515-57-59EY, 15.6" Full HD IPS 144Hz Display, 11th Gen Intel Core i5-11400H, NVIDIA GeForce GTX 1650, 8GB DDR4, 512GB NVMe SSD, Killer WiFi 6, Killer Ethernet E2600, Backlit Keyboard, Windows 11 Home

Features

intel CORE i5 | NVIDIA GEFORCE GTX

Dominating Specs

Reign over the game world with the combined power of a 11th Gen Intel® Core™ i5 processor and NVIDIA® GeForce® GTX 1650 graphics. Configure your laptop for maximum speed and storage with two slots for M.2 PCIe SSDs using NVMe technology and up to 32GB of DDR4 RAM. The large-capacity battery supports up to 8 hours and a longer lifespan.

144Hz
1920 X1080 FHD
IPS In-Plane Switching

Visual Intensity

Explore games in greater detail with the sharp visuals of a 15.6" FHD IPS 144Hz display with improved screen-to-body ratio to 80% with narrow 0.28" bezels. Its hard-edged sleek lines and the red backlit keyboard light up the Nitro 5 evoking the gaming spirit. The Nitro 5 looks and feels like it will help you take control.

Coolness Under Fire

When heavy use requires an added boost, chill out with twin fans, Acer CoolBoost™ technology and quad exhaust port design with two on the side and two in the rear. CoolBoost™ increases fan speed by 10% and CPU/GPU cooling by 9% compared to auto mode. Overall, increaing thermal performance by 25%. Monitor and manage your system in real time with NitroSense, covering temperatures, fan speeds and more.

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.

Prioritize Your Gameplay

With Killer's E2600 Ethernet Controller, Killer™ Wi-Fi 6 AX1650 and Control Center 2.0, you have all the tools you need to clear out the online competition. Control the Quality of Service within the Control Center, which is typically done at the router. So go on, you deserve the low latency and the reliable connection that only Killer networks can provide.

Breaking the Sound Barrier

Better audio delivers a competitive edge as well as a more immersive experience through dual 2W speakers. With DTS:X® Ultra, sounds are clear and can be delivered in a 3D spatial soundscape, allowing you to hear where your opponents are coming from with pinpoint precision.

Processor

11th Generation Intel® Core™ i5-11400H Processor 2.7GHz
with Turbo Boost Technology[1] up to 4.5GHz (12MB Smart Cache)

Display

15.6" Full HD Widescreen LED-backlit IPS Display
1920 x 1080 resolution; 144Hz Refresh Rate, 16:9 aspect ratio

Memory

8GB DDR4 3200MHz Memory[2]
Used Slots: 1 x 8GB | 1 Slot (Available)
2 DDR4 Slots (Total) - Maximum 32GB

Video

NVIDIA® GeForce® GTX 1650 with 4 GB of dedicated GDDR6 VRAM, supporting NVIDIA® CUDA™, PhysX™, PureVideo® HD technology, GPU Battery Boost technology, ShadowPlay technology, GameStream technology, Multi-Frame sampled Anti-Aliasing (MFAA), Dynamic Super Resolution (DSR), Voxel Global Illumination (VXGI). Microsoft® DirectX® 12, OpenGL® 4.5, OpenCL™ 1.1

Audio

DTS: X® Ultra Audio
Acer TrueHarmony Technology
Two Built-in Stereo Speakers
Acer Purified.Voice technology with two built-in microphones

Hard Drive

512GB NVMe SSD (2 x PCIe M.2 Slots | 1 Slot Available)
1 x 2.5" Hard Drive Bay (Available)

Optical Drive

N/A

Digital Media Reader

N/A

Communications

Killer™ Double Shot Pro

Killer™ Wi-Fi 6 1650 featuring 2x2 MU-MIMO technology (Dual-Band 2.4GHz and 5GHz)

Killer™ Ethernet E2600 10/100/1000 Gigabit Ethernet LAN
Bluetooth® 5.1

Interfaces

1 - USB Type-C Port USB 3.2 Gen 2 (up to 10 Gbps) DisplayPort over USB Type-C
1 - USB 3.2 Gen 2 Port (Featuring Power-off Charging)
2 - USB 3.2 Gen 1 ports
1 - HDMI™ 2.0 Port with HDCP support
1 - Headphone/Speaker/Line-Out Jack
1 - Ethernet (RJ-45) Port
1 - DC-in Jack for AC Adapter
1 - Kensington Lock Slot

Webcam

HD Webcam (1280 x 720) supporting Super High Dynamic Range (SHDR)

Convenience Features

Precision Touchpad (supporting Windows Modern Touchpad gestures)
Dedicated Numeric Keypad
Media Control Keys

Battery Type

Lithium-Ion Battery

Battery Life

Up to 8-hours battery life[4]

Dimensions (System)

14.31 (W) x 10.04 (D) x 0.94 (H) inches
363.4 (W) x 255 (D) x 23.9 (H) mm

Dimensions (Box)

21.38 (L) x 2.76 (W) x 12.44 (H) inches
543 (L) x 70 (W) x 316 (H) mm

Weights

4.85 lbs. | 2.2 kg (system unit only)
Approximately 7.69 lbs.| 3.49 kg (box)

Model	Color	Part Number	UPC
AN515-57-59EY	Obsidian Black	NH.QEKAA.002	195133151405

Software

Windows 11 Home
Productivity
Acer Care Center
Microsoft® Office Trial[7]
Cyberlink® PhotoDirector 8
Cyberlink® PowerDirector 14
Multimedia
Netflix
Tools
NitroSense

Product specifications subject to change without notice

Actual product may vary from image shown

Accessible capacity varies; MB = 1 million bytes; GB = 1 billion bytes

(1) Overall system performance is based on several PC attributes. GHZ, processor clock speed, is one of the attributes. Intel Turbo Boost Technology performance varies depending on hardware, software and overall system configuration.

(2) Shared system memory may be allocated to support integrated graphics, depending on system memory size and other factors. Actual system memory available to the operating system will be reduced by the amount of dedicated and shared system memory utilized by the graphics solution and resources required by the operating environment.

(3) 1 GB is 1 billion bytes. Actual formatted capacity is less and may vary depending on preloaded materials and operating environment. Recovery Management utilizes up to 8 GB (10 GB with Microsoft® Office Starter 2010 Trial) of the stated hard disk capacity as dedicated backup space.

(4) Battery life varies depending on product specifications, computer settings, and applications or features launched. All batteries' maximum capacity diminishes with time and use.

(5) For a free copy of the standard limited warranty end-users should see a reseller where Acer products are sold or write to Acer America Corporation, Warranty Department, P.O. Box 6137, Temple, TX 76503. TFT displays commonly exhibit a small number of discolored dots, so-called "nonconforming pixels." This phenomenon is a limitation of TFT LCD technology, not a product defect and, as such, is not covered by the limited warranty or by the upgrade programs. For International travelers warranty Valid only in countries where Acer has an authorized repair facility. For a list of those countries go to http://global.acer.com/support/itw.htm. or call 800-816-2237. Services and response times may vary in countries outside the U.S. and Canada

(6) 30-days of complimentary subscription. Internet connection required to start trial

(7)Microsoft Office Trial included. After or during the 30-day trial, purchase an Office Product Key to activate one of the following Office suites preloaded on this PC: Office Home and Student, Office Home and Business, Office Professional.