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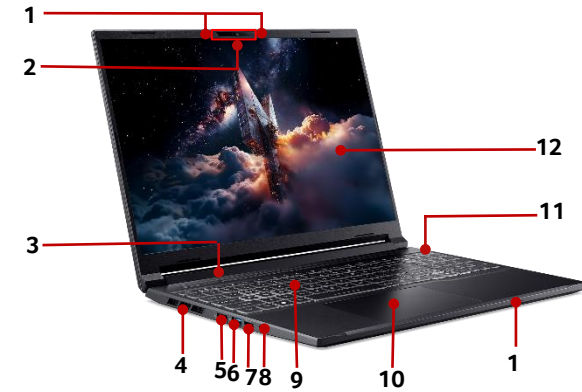


Acer NITRO V 16S AI

SPECIFICATIONS

NITRO V 16S AI

ANV16S-61/ ANV16S-41



Product views	<ol style="list-style-type: none"> 1. Microphones 2. IR Camera (ANV16S-61) Webcam (ANV16S-41) 3. Mode key 4. Ventilation and cooling fan 5. Ethernet (RJ-45) port 6. USB 3.2 Gen 1 port 7. MicroSD card slot 8. Headset/speaker jack 9. Keyboard 10. Touchpad 11. Power button 12. 16" LCD display 13. Battery indicator 14. Power indicator 15. USB 3.2 Gen 2 port with power-off charging 16. USB 3.2 Gen 2 port 17. Power connector (DC-in) 18. HDMI® port 19. USB 4 port
Operating system¹	ESHELL
CPU and chipset¹	ANV16S-61 AMD Ryzen™ 7 260 octa-core processor
Memory^{1,2,3}	Dual-channel DDR5 SDRAM support <ul style="list-style-type: none"> ● 16 GB Upgradable to 32 GB of DDR5 system memory (Memory Frequency: up to 5600 MT/s)
Display⁴	16.0" display with IPS (In-Plane Switching) technology, WQXGA 2560 x 1600, high-brightness Acer ComfyView™ LED-backlit TFT LCD, supporting 180 Hz, 3 ms (GTG) via LCD overdrive. <ul style="list-style-type: none"> ● 16:10 aspect ratio, sRGB 100%(Typical value) ● Wide viewing angle up to 170 degrees ● Ultra-slim design ● Mercury free, environment friendly
Graphics¹	NVIDIA® GeForce RTX™ 5050 with 8 GB of dedicated GDDR7 VRAM
Audio	<ul style="list-style-type: none"> ● DTS® X: Ultra Audio, featuring optimized Bass, Loudness, Speaker Protection with up to 6 custom content modes by smart amplifier ● Supported in Windows Spatial Sound for PC Gaming with DTS license integrated ● Immersive audio rendering over headphones and internal speakers ● High SNR DAC with 2.1 Vrms out capability and can driver high impedance headphone (up to 600 ohm) ● Acer Purified.Voice technology with AI noise reduction in 3 mics array built-in microphones to support Advanced Privacy Mode. Features include far-field pickup, dynamic noise reduction through neural network, adaptive beam forming, and pre-defined personal and conference call modes. ● Compatible with Cortana with Voice ● Acer TrueHarmony technology for lower distortion, wider frequency range, headphone-like audio and powerful sound ● Hi-Res Audio Certification by JAS (Headphone Output setting supported up to 24bit /192KHz)
Storage^{1,5}	Solid state drive <ul style="list-style-type: none"> ● 1 TB, PCIe Gen4, 16 Gb/s, NVM
Webcam¹	ANV16S-41 UFC with <ul style="list-style-type: none"> ● Narrow USB HD camera ● Compatible with Windows ● 1280 x 720 resolution ● 720p HD video at 30 fps with Temporal Noise Reduction ● Blue Glass lens ● Dual Mic (33 mm + 33 mm) ● 86 x 3.2 x 2.6 mm
Wireless and networking¹	<div> WLAN <ul style="list-style-type: none"> ● Wi-Fi 6E Wireless LAN ● 802.11 a/b/g/n/ac/ax ● Band: 2.4 GHz, 5 GHz, and 6 GHz ● 2x2 MU-MIMO technology </div> <div> LAN <ul style="list-style-type: none"> ● Killer™ Ethernet E2600 ● 10/100/1000 Mbps ● Hibernation mode support </div> <div> <ul style="list-style-type: none"> ● Wake On Lan support ● IPv4 and IPv6 support ● WPAW ● Supports Bluetooth® 5.3 or above </div>
Security	<ul style="list-style-type: none"> ● MSFT Pluton Security Processor as Firmware TPM solution ● BIOS user, supervisor
Dimensions and weight^{6,7}	Dimensions: <ul style="list-style-type: none"> ● 357.7 (W) x 264 (D) x 13.9/19.95 (H) mm (14.08 x 10.39 x 0.55/0.79 inches) Weight: <ul style="list-style-type: none"> ● 2.1 kg (4.63 lbs.) with 4-cell battery pack
Power adapter and battery⁸	Power adapter 3-pin 135 W 5.5 PHY PCR 50% AC adapter
Input and control	Battery: 76 Wh 4-cell Li-ion battery <ul style="list-style-type: none"> ● Microsoft Precision Touchpad certification ● Moisture resistant Control Keys: <ul style="list-style-type: none"> ● Nitro Sense Key ● Copilot Key ● Mode key
Windows Desktop Apps⁹	In-House <ul style="list-style-type: none"> ● Acer LiveArt ● Acer QuickPanel ● NitroSense
Warranty	One-year International Travelers Warranty (ITW)

1. Specifications vary depending on model.
2. 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.
3. Memory speed may vary, depending on the CPU, chipset or memory fitted.
4. All brands and product names mentioned herein include trademarks of their respective companies and are used solely to describe or identify the products.
5. 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

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