Acer Nitro 16S AI AN16S-61-R597 AMD Ryzen™ AI 5 340 Laptop 40.6 cm (16") WUXGA 16 GB DDR5-SDRAM 1 TB SSD NVIDIA® GeForce RTX™ 5050 Wi-Fi 6E (802.11ax) Windows 11 Home Black QWERTZ German

Model: NH.QXEEG.003

Manufacturer: ACER

EAN: 4711474698865

Product Code: 1641730

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The Acer Nitro 16S AI Copilot+ PC merges powerful AI performance and portability. With AMD Ryzen™ AI 300 Series processors and NVIDIA® GeForce RTX™ 50 Series Laptop GPU, it’s built to move fast—just like you.

Premium AI for Everyone

With up to an AMD Ryzen™ AI 9 365 processor (50 TOPS), this laptop delivers more of everything gamers want—high core counts and clock speeds for thrilling frame rates, large on chip memory for ultra-low latency, plus advanced power efficiency and AI processing on board for next-gen gaming features.

Unlock Transformational AI PC Experiences

Dive into a world of generative AI tools and digital assistants on Copilot+ PCs powered by AMD Ryzen™ AI 300 Series processors. With advanced AI architecture and supercharged performance for elite gaming and premium productivity, these high-performance processors enable the ultimate in private, responsive, and intelligent laptop computing

SUPREME SPEED. SUPERIOR VISUALS. POWERED BY AI.

DLSS is a revolutionary suite of neural rendering technologies that uses AI to boost FPS, reduce latency, and improve image quality. The latest breakthrough, DLSS 4, brings new Multi Frame Generation and enhanced Ray Reconstruction and Super Resolution, powered by GeForce RTX™ 50 Series GPUs and fifth-generation Tensor Cores. DLSS on GeForce RTX is the best way to play, backed by an NVIDIA AI supercomputer in the cloud constantly improving your PC’s gaming capabilities.

GAME-CHANGING REALISM

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The NVIDIA Blackwell architecture unlocks the game-changing realism of full ray tracing. Experience cinematic quality visuals at unprecedented speed powered by GeForce RTX 50 Series with fourth-gen RT Cores and breakthrough neural rendering technologies accelerated with fifth-gen Tensor Cores.

COMPETE AT WARP SPEED

Reflex technologies optimize the graphics pipeline for ultimate responsiveness, providing faster target acquisition, quicker reaction times, and improved aim precision in competitive games. Reflex 2 introduces Frame Warp, which further reduces latency based on the game’s latest mouse input.

NVIDIA POWERS THE WORLD’S AI. AND YOURS.

Upgrade to advanced AI with NVIDIA GeForce RTX™ GPUs and accelerate your gaming, creating, productivity, and development. Thanks to built-in AI processors, you get world-leading AI technology powering your Windows PC.

OPTIMIZED POWER AND PERFORMANCE

Max-Q is designed from the ground up for maximum efficiency, delivering a massive leap in performance and battery life.

Immersive Visual Experience

Engage with visuals that pull you deeper into every scene, offering life-like clarity and vibrant depth. Designed for gamers and creators alike, this display is your window to explore worlds, craft stories, and immerse yourself fully in what matters.

Built Slim. Ready To Move.

The Acer Nitro 16S AI Copilot+ PC stands out with a slim <19.9 mm chassis, metal top cover, and sleek lines designed for movement and style. The illuminated Nitro logo and 4-zone RGB keyboard add vibrant personality, while the lightweight design ensures power travels with you.

Illuminated Nitro Logo

Illuminated Nitro Logo

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4-Zone RGB Keyboard

Customize each zone’s glow to match your mood or mission, with tactile keys crafted for responsive control and smooth gameplay.

Metal Chassis Construction

Premium metal top and bottom covers provide sleek durability and confidence in every carry, tap, and command.

Engineered Cooling Precision

Built for endurance, the advanced cooling system ensures unwavering performance, even during high-intensity sessions. With dual-fan architecture, quad-intake and exhaust design, and liquid metal thermal grease on the CPU, this machine stands strong when the stakes are high.

Seamless Connections with Advanced Specs

Connect with confidence using USB 4, and Wi-Fi 6E, keeping your setup streamlined and your data transfers fast. Whether gaming or multitasking, stay linked to high-speed, high-bandwidth connections that match your pace.

Enhanced AI Control Through NitroSense and Experience Zone

Take command of every element with AI-driven tools, customizing your experience to match your needs. NitroSense™ and Experience Zone unlock real-time controls that optimize your system, all designed to keep you in control of your digital world.

Acer ProCam™

Acer ProCam automatically recognizes gameplay highlights and records those moments.

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Acer PurifiedView™

Experience automatic framing, advanced background blur, and gaze correction for AI-enhanced video calls, while Acer TNR steps in for sharper images in low light.

Acer PurifiedVoice™ 2.0

Utilizing AI algorithms and a 3rd mic to identify and suppress unwanted background noise, Acer PurifiedVoice™ 2.0 delivers distraction-free audio for more engaging communication experiences.

Discover Your Next Favorite Game

Play hundreds of PC games with your new Acer Nitro Windows 11 PC and three months of PC Game Pass, including EA Play. With new games added all the time, there’s always something new to play.

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