acer

Acer Nitro 16S AI

(AN16S-61-R352)

- Processor: AMD Ryzen™ AI 9 365
- Display: Acer ComfyView™ WQXGA 180Hz IPS Display
- Memory: 16 GB DDR5 RAM
- Mass storage: 1.000 GB PCIe Gen4 SSD
- Graphics card: NVIDIA® GeForce RTX™ 5070
- Operating system: Linux (eShell)

180Hz | AMD RYZEN AI 300 Series | NVIDIA GEFORCE RTX | IPS In-Plane Switching | microSD Card Reader

acer

Ordering Information

Series	Acer Nitro 16S AI
Model name	AN16S-61-R352
Part number	NH.QXVEX.004
EAN	4711474661791
Short description	Acer ComfyView™ WQXGA 180Hz IPS Display / AMD Ryzen™ AI 9 365 / 16 GB DDR5 RAM / 1.000 GB PCIe Gen4 SSD / NVIDIA® GeForce RTX™ 5070 / Linux (eShell) / Obsidian Black

Operating System

Operating System	Linux (eShell)

Housing

Housing / Color	Obsidian Black
Component door	-
Dimensions	356.78 x 275.50 x 20.99 mm (W x D x H)
Weight	2.18 kg
Passively cooled (fanless)	-

Display

Display size	16 inches (40.64 cm)
Display type	Acer ComfyView™ WQXGA 180Hz IPS Display with 100% sRGB (matt)
Display resolution in pixel	2.560 x 1.600
Aspect ratio	16:10

Processor

Processor	AMD Ryzen™ AI 9 365
Clock frequency	2 GHz base clock (up to 5 GHz max. boost clock)
Cache	24 MB
Processing cores / threads	10/20
NPU	AMD Ryzen™ AI (Up to 50 TOPS)

Storage and drives

Memory	16 GB DDR5 RAM
Memory configuration	1 x 16 GB DDR5 RAM
Maximum RAM	Up to 32 GB DDR5 RAM (2x 16 GB soDIMM)
Mass storage	1.000 GB PCIe Gen4 NVMe Solid-State-Drive (SSD)

Graphics card

Graphics card	NVIDIA® GeForce RTX™ 5070
Graphics card memory dedicated	8GB GDDR7 VRAM
Maximum Graphic Power	115
Maximum Boost Frequency	1915

Connections

LAN	Killer™ Gigabit Ethernet E3100G
Wireless LAN	Wi-Fi 6E (802.11 ax)
Wireless WAN / SIM-Card	-
Wireless Gigabit	-
Bluetooth	Bluetooth® 5.3
NFC	-

IO ports

HDMI	1x HDMI® 2.1
Displayport	-
Thunderbolt	-
USB 3.2	3x (2x Type-A Gen 2 (1x with Power-Off USB Charging), 1x Type-C Gen 2)
USB 3.1	-
USB 3.0	-
USB 2.0	1 x (Type-A)
USB 4.0	1x (Type-C)
Ethernet (RJ-45)	Yes
Cardreader	MicroSD cardreader
Smart card reader	-
Audio port	1x 3.5 mm speaker/headphone/line-out (supports headsets with integrated microphone)
Docking port	-

Input

Keyboard	Acer FineTip RGB keyboard with numpad
Keyboard layout	US International/Bulgarian
Backlit keyboard	Yes (4 Zone RGB)
Touchpad	Multi-Gesture TouchPad (Microsoft Precision Touchpad certification)

Security

Fingerprint sensor	-
Kensington Lock	-
Security software	MSFT Pluton Security Processor Firmware TPM-solution

Audio and video

Audio	DTS® X:Ultra Audio, Acer TrueHarmony, Acer Purified, AI noise reduction | compatible with Cortana with Voice
Speaker	two built-in stereo speakers
Microphone	three built-in microphones
Webcam	FHD Webcam

Battery and power adapter

Battery	Li-Ion battery (4 cells / 76 Wh)
Battery lifetime	Up to 7.5 hours (based on video playback test results)
Power adapter	230W adapter (50% PCR-plastic)
Battery built in	-

Software

Other software	NitroSense™, Planet9, Acer LiveArt

Special features

Special features	FHD webcam, A- and D-cover made of aluminum, dual fan cooling, quad-intake, quad-exhaust

Warranty

Warranty	1 year carry in warranty (1st year International Travelers Warranty)

Logistics

Quantity per layer	20
Quantity per europallet	60
Quantity per tower	100
Quantity per container	1100
Carton dimensions / weight	543.0 x 341.0 x 80.0 mm (W x D x H) / 4.22 kg