



**Acer Nitro 16S AI AN16S-61-R37P AMD Ryzen AI 7 PRO 350 Laptop
40.6 cm (16") WQXGA 16 GB DDR5-SDRAM 1 TB SSD NVIDIA®
GeForce RTX™ 5050 Wi-Fi 6E (802.11ax) Windows 11 Home Black
QWERTZ German**



Brand : Acer

Product family: Nitro

Product code: NH.QXEEG.005

Product name : AN16S-61-R37P

- Windows 11 Home 64-bit
- AMD Ryzen AI 7 PRO 350 (3.5GHz)
- 40.6 cm (16") WQXGA 2560 x 1600 IPS, NVIDIA GeForce RTX 5050 (8GB GDDR7)
- 16GB DDR5-SDRAM (1 x 16) & 1000GB SSD
AMD Ryzen AI 7 PRO 350 (3.5GHz), 16GB DDR5-SDRAM, 1000GB SSD, 40.6 cm (16") WQXGA 2560 x 1600 IPS, AMD Radeon 860M, NVIDIA GeForce RTX 5050 (8GB GDDR7), LAN, WLAN, Webcam, Windows 11 Home 64-bit
Acer Nitro 16S AI AN16S-61-R37P. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen AI 7 PRO, Processor model: 350, Processor frequency: 3.5 GHz. Display diagonal: 40.6 cm (16"), HD type: WQXGA, Display resolution: 2560 x 1600 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: AMD Radeon 860M. Operating system installed: Windows 11 Home. Product colour: Black

Design		Audio	
Colour name	Obsidian Black	Audio system	DTS:X Ultra
Product type *	Laptop	Number of built-in speakers	2
Product colour *	Black	Built-in microphone	✓
Form factor *	Clamshell	Number of microphones	3
Market positioning	Gaming	Camera	
Display		Front camera	✓
Display diagonal *	40.6 cm (16")	Front camera resolution	1920 x 1080 pixels
Display resolution *	2560 x 1600 pixels	Front camera HD type	Full HD
Touchscreen *	✗	Network	
HD type	WQXGA	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Panel type	IPS	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Display technology marketing name	ComfyView	Mobile network connection *	✗
LED backlight	✓	Antenna type	2x2
Native aspect ratio	16:10	Ethernet LAN	✓
Display surface	Matt	Ethernet LAN data rates	10,100,1000 Mbit/s
RGB colour space	sRGB	Bluetooth	✓
Colour gamut	100%	Bluetooth version	5.3
Maximum refresh rate	180 Hz	Ports & interfaces	
Processor		USB 2.0 ports quantity *	1
Processor manufacturer *	AMD	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Processor family *	AMD Ryzen AI 7 PRO	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Processor generation	AMD Ryzen AI PRO 300 Series	Ethernet LAN (RJ-45) ports	1
Processor model *	350	HDMI ports quantity *	1
Processor cores	8	HDMI version	2.1
Processor threads	16	Intel® Thunderbolt 4	✓
Processor boost frequency	5 GHz	Combo headphone/mic port	✓
Processor frequency *	3.5 GHz	USB Type-C DisplayPort Alternate Mode	✓
L3 cache	16 MB	Keyboard	
L2 cache	6 MB	Pointing device	Touchpad
Neural processor unit (NPU)			
Neural processor unit (NPU)	AMD Ryzen AI		
Total processor performance up to	66 TOPs		

Neural processor unit (NPU)		Keyboard	
NPU performance up to	50 TOPs	Numeric keypad *	✓
Memory		Keyboard backlit	✓
Internal memory *	16 GB	Keyboard backlit colour	RGB
Internal memory type	DDR5-SDRAM	Keyboard backlit zone	4-zone RGB
Memory form factor	SO-DIMM	Keyboard layout	QWERTZ
Memory layout (slots x size)	1 x 16 GB	Keyboard language	German
Memory slots	2x SO-DIMM	Software	
Maximum internal memory *	32 GB	Operating system architecture	64-bit
Storage		Operating system installed *	Windows 11 Home
Total storage capacity *	1 TB	Battery	
Storage media *	SSD	Battery technology	Lithium-Ion (Li-Ion)
Total SSDs capacity	1 TB	Number of battery cells	4
Number of SSDs installed	1	Battery capacity *	76 Wh
SSD capacity	1 TB	Battery life (max)	7.5 h
SSD interface	PCI Express 4.0	Battery charge indicator	✓
NVMe	✓	Power	
SSD form factor	M.2	AC adapter power	230 W
Optical drive type *	✗	DC-in jack	✓
Card reader integrated	✓	USB Type-C charging port *	✓
Compatible memory cards	MicroSD (TransFlash)	USB Power Delivery (USB PD)	✓
Graphics		Security	
Discrete GPU manufacturer	NVIDIA	Trusted Platform Module (TPM)	✓
Discrete graphics card model *	NVIDIA® GeForce RTX™ 5050	Weight & dimensions	
Discrete graphics card memory	8 GB	Width	356.8 mm
Discrete graphics memory type	GDDR7	Depth	275.5 mm
On-board graphics card *	✓	Height	21 mm
Discrete graphics card *	✓	Weight *	2.18 kg
On-board graphics card model *	AMD Radeon 860M	Packaging content	
		AC adapter included *	✓



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