



Acer Nitro 16 AI AN16-61 - AMD Ryzen AI 7 350, 16GB, 1TB SSD, NVIDIA GeForce RTX 5070Ti, " WQXGA, Windows 11 Gaming Laptop

Brand : Acer

Product family: Nitro

Product code: NH.QZTEK.003

Product name : Acer Nitro 16 AI AN16-61 - AMD Ryzen AI 7 350, 16GB, 1TB SSD, NVIDIA GeForce RTX 5070Ti, 16" WQXGA, Windows 11 Gaming Laptop



- AMD Ryzen AI 7 350 Processor
 - 16GB DDR5 Memory
 - 1TB SSD Storage
 - 16" WQXGA Display
 - NVIDIA GeForce RTX 5070 Ti Graphics Card
- Acer Nitro 16 AI AN16-61 - AMD Ryzen AI 7 350, 16GB, 1TB SSD, NVIDIA GeForce RTX 5070Ti, 16" WQXGA, Windows 11 Gaming Laptop

Acer Nitro 16 AI AN16-61 - AMD Ryzen AI 7 350, 16GB, 1TB SSD, NVIDIA GeForce RTX 5070Ti, " WQXGA, Windows 11 Gaming Laptop:

Powered by the AMD Ryzen AI 7 350 processor and NVIDIA GeForce RTX 5070 Ti GPU, this 16-inch gaming laptop offers solid performance, stunning visuals and an enhanced Copilot+ PC experience, whether you're gaming with the latest titles or exploring AI-powered applications.



Design		Camera	
Product type *	Laptop	Front camera resolution	1920 x 1080 pixels
Product colour *	Black	Front camera HD type	Full HD
Form factor *	Clamshell	Infrared (IR) camera	✓
Market positioning	Gaming	Network	
Display		Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display diagonal *	40.6 cm (16")	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 6E (802.11ax)
Display resolution *	2560 x 1600 pixels		
Touchscreen *	✗	Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
HD type	WQXGA	Bluetooth	✓
Panel type	IPS	Bluetooth version	5.3
Display technology marketing name	ComfyView	MIMO	✓
LED backlight	✓	MIMO type	Multi User MIMO
Native aspect ratio	16:10	Ports & interfaces	
Display surface	Matt	USB 2.0 ports quantity *	1
RGB colour space	sRGB	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Colour gamut	100%	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Maximum refresh rate	180 Hz	USB4 Gen 3x2 ports quantity	1
Processor		Ethernet LAN (RJ-45) ports	1
Processor manufacturer *	AMD	HDMI ports quantity *	1
Processor family *	AMD Ryzen AI 7	HDMI version	2.1
Processor model *	350	Combo headphone/mic port	✓
Processor cores	8	Keyboard	
Processor threads	16	Pointing device	Touchpad
Processor boost frequency	5 GHz	Numeric keypad *	✓
Processor frequency *	2 GHz	Keyboard backlit	✓
Neural processor unit (NPU)			
Neural processor unit (NPU)	AMD Ryzen AI		

Neural processor unit (NPU)		Keyboard	
NPU performance up to	50 TOPs	Keyboard backlit colour	RGB
Memory		Keyboard backlit zone	4-zone RGB
Internal memory *	16 GB	Copilot key	✓
Internal memory type	DDR5-SDRAM	Software	
Storage		Operating system installed *	Windows 11 Home
Total storage capacity *	1 TB	Battery	
Storage media *	SSD	Battery technology	Lithium-Ion (Li-Ion)
SSD interface	PCI Express 4.0	Number of battery cells	4
NVMe	✓	Battery capacity *	90 Wh
SSD form factor	M.2	Battery life (max)	6 h
Compatible memory cards	MicroSD (TransFlash)	Power	
Graphics		AC adapter power	230 W
Discrete graphics card model *	NVIDIA GeForce RTX 5070 Ti	Security	
Discrete graphics card memory	12 GB	Trusted Platform Module (TPM)	✓
Discrete graphics memory type	GDDR7	Password protection	✓
Discrete graphics card *	✓	Password protection type	BIOS, Supervisor, User
NVIDIA G-SYNC	✓	Weight & dimensions	
CUDA	✓	Width	356.8 mm
CUDA cores	5888	Depth	275.5 mm
Audio		Height	24.2 mm
Audio system	DTS:X Ultra	Weight *	2.41 kg
Number of built-in speakers	2	Packaging data	
Built-in microphone	✓	Package width	543 mm
Camera		Package depth	341 mm
Front camera	✓	Package height	80 mm
		Package weight	4.4 kg
Packaging content			
		Mouse included	✗
		AC adapter included *	✓



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