



Acer Nitro V 16 AI V16 AI ANV16-42 - AMD Ryzen 7 260, 16GB, 1TB SSD, NVIDIA GeForce RTX 5070, 16" WUXGA, Windows 11 Gaming Laptop

Brand : Acer Product family: Nitro Product code: NH.QYYEK.002

Product name : Acer Nitro V16 AI ANV16-42 - AMD Ryzen 7 260, 16GB, 1TB SSD, NVIDIA GeForce RTX 5070, 16" WUXGA, Windows 11 Gaming Laptop



- Windows 11 Home
- AMD Ryzen 7 260 (3.8GHz)
- 16" WUXGA 1920 x 1200 IPS, NVIDIA GeForce RTX 5070 (8GB GDDR7)
- 16GB DDR5-SDRAM & 1000GB SSD
- AMD Ryzen 7 260 (3.8GHz), 16GB DDR5-SDRAM, 1000GB SSD, 16" WUXGA 1920 x 1200 IPS, AMD Radeon 780M, NVIDIA GeForce RTX 5070 (8GB GDDR7), LAN, WLAN, Webcam, Windows 11 Home

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Fueled by an AMD Ryzen 7 260 processor and NVIDIA GeForce RTX 5070 Laptop GPU, the Acer Nitro V 16 AI is built for high-stakes gaming. With AI-driven adaptability, it delivers raw power and precision for seamless, high-speed gameplay.

Design		Audio	
Colour name	Shale Black	Number of built-in speakers	2
Product type *	Laptop	Built-in microphone	✓
Product colour *	Black	Number of microphones	3
Form factor *	Clamshell	Camera	
Market positioning	Gaming	Front camera	✓
Display		Front camera resolution	1280 x 720 pixels
Display diagonal *	40.6 cm (16")	Front camera HD type	HD
Display resolution *	1920 x 1200 pixels	Network	
Touchscreen *	✗	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
HD type	WUXGA	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Panel type	IPS	Mobile network connection *	✗
Display technology marketing name	ComfyView	Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Native aspect ratio	16:10	Antenna type	2x2
Display surface	Matt	Ethernet LAN	✓
Maximum refresh rate	180 Hz	Ethernet LAN data rates	10,100,1000 Mbit/s
Processor		Bluetooth	✓
Processor manufacturer *	AMD	Bluetooth version	5.3
Processor family *	AMD Ryzen™ 7	MIMO	✓
Processor generation	AMD Ryzen 200 Series	MIMO type	Multi User MIMO
Processor model *	260	Ports & interfaces	
Processor cores	8	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Processor threads	16	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Processor boost frequency	5.1 GHz	USB4 Gen 3x2 ports quantity	1
Processor frequency *	3.8 GHz	Ethernet LAN (RJ-45) ports	1
L3 cache	16 MB	HDMI ports quantity *	1
L2 cache	8 MB	HDMI version	2.1
Neural processor unit (NPU)		Combo headphone/mic port	✓
Neural processor unit (NPU)	AMD Ryzen AI	USB Type-C DisplayPort Alternate Mode	✓
NPU performance up to	16 TOPs		
Memory			
Internal memory *	16 GB		

Memory		Keyboard	
Internal memory type	DDR5-SDRAM	Pointing device	Touchpad
Memory form factor	SO-DIMM	Numeric keypad *	✓
Memory slots	2x SO-DIMM	Keyboard backlit	✓
Maximum internal memory *	32 GB	Copilot key	✓
Memory data transfer rate	5600 MT/s	Software	
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)	6 h
SSD interface	PCI Express 4.0	Power	
NVMe	✓	AC adapter power	135 W
SSD form factor	M.2	USB Type-C charging port *	✓
Optical drive type *	✗	Security	
Card reader integrated	✓	Cable lock slot	✓
Compatible memory cards	MicroSD (TransFlash)	Cable lock slot type	Kensington
Graphics		Trusted Platform Module (TPM)	✓
Discrete GPU manufacturer	NVIDIA	Password protection	✓
Discrete graphics card model *	NVIDIA GeForce RTX 5070	Password protection type	BIOS, HDD, Supervisor, User
Discrete graphics card memory	8 GB	Weight & dimensions	
Discrete graphics memory type	GDDR7	Width	360 mm
On-board graphics card *	✓	Depth	275.6 mm
Discrete graphics card *	✓	Height	24.5 mm
On-board graphics card model *	AMD Radeon 780M	Weight *	2.44 kg
NVIDIA G-SYNC	✓	Packaging data	
CUDA	✓	Package width	528 mm
CUDA cores	4608	Package depth	316 mm
Audio		Package height	70 mm
Audio system	DTS:X Ultra	Package weight	3.7 kg
Packaging content			
		AC adapter included *	✓

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