



Acer Nitro V 16 AI ANV16-42-R1E2 AMD Ryzen™ 7 260 Laptop 40.6 cm (16") WQXGA 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 5060 Wi-Fi 6E (802.11ax) Windows 11 Home Black

Brand : Acer

Product family: Nitro

Product code: NH.QYXEG.004

Product name : ANV16-42-R1E2



- Windows 11 Home 64-bit
- AMD Ryzen 7 260 (3.8GHz)
- 16" WQXGA 2560 x 1600 IPS, NVIDIA GeForce RTX 5060 (8GB GDDR7)
- 16GB (5600MHz) DDR5-SDRAM (1 x 16) & 1000GB SSD

AMD Ryzen 7 260 (3.8GHz), 16GB DDR5-SDRAM, 1000GB SSD, 16" WQXGA 2560 x 1600 IPS, AMD Radeon 780M, NVIDIA GeForce RTX 5060 (8GB GDDR7), LAN, WLAN, Webcam, Windows 11 Home 64-bit Acer Nitro V 16 AI ANV16-42-R1E2. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ 7, Processor model: 260, Processor frequency: 3.8 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 780M. Operating system installed: Windows 11 Home. Product colour: Black

Design		Graphics	
Colour name	Shale Black	On-board graphics card cores	12
Product type *	Laptop	On-board graphics card 4K support	✓
Product colour *	Black	On-board graphics card 8K support	✓
Form factor *	Clamshell	Graphics card Open GL support	✓
Market positioning	Gaming		
Display		Audio	
Display diagonal *	40.6 cm (16")	Audio system	DTS:X Ultra
Display resolution *	2560 x 1600 pixels	Number of built-in speakers	2
Touchscreen *	✗	Built-in microphone	✓
HD type	WQXGA	Number of microphones	3
Panel type	IPS		
Display technology marketing name	ComfyView	Camera	
Native aspect ratio	16:10	Front camera	✓
Display surface	Matt	Front camera resolution	1280 x 720 pixels
Display brightness	400 cd/m²	Front camera HD type	HD
RGB colour space	NTSC		
Colour gamut	100%	Network	
Maximum refresh rate	180 Hz	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Processor		Wi-Fi standards	802.11a, 802.11b, Wi-Fi 4 (802.11n), 802.11g, Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax)
Processor manufacturer *	AMD	Mobile network connection *	✗
Processor family *	AMD Ryzen™ 7	Antenna type	2x2
Processor generation	AMD Ryzen 200 Series	Ethernet LAN	✓
Processor model *	260	Ethernet LAN data rates	10,100,1000 Mbit/s
Processor cores	6	Bluetooth	✓
Processor threads	16	Bluetooth version	5.3
Processor boost frequency	5.1 GHz		
Processor frequency *	3.8 GHz	Ports & interfaces	
L3 cache	16 MB	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
L2 cache	8 MB	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Neural processor unit (NPU)		USB4 Gen 3x2 ports quantity	1
Neural processor unit (NPU)	AMD Ryzen AI	Ethernet LAN (RJ-45) ports	1
Total processor performance up to	38 TOPs	HDMI ports quantity *	1

Neural processor unit (NPU)		Ports & interfaces	
NPU performance up to	16 TOPs	HDMI version	2.1
GPU performance up to	16 TOPs	Combo headphone/mic port	✓
Memory		USB Type-C DisplayPort Alternate Mode	✓
Internal memory *	16 GB	Keyboard	
Internal memory type	DDR5-SDRAM	Pointing device	Touchpad
Memory clock speed	5600 MHz	Numeric keypad *	✓
Memory form factor	SO-DIMM	Keyboard backlit	✓
Memory layout (slots x size)	1 x 16 GB	Keyboard backlit colour	Amber
Memory slots	2x SO-DIMM	Copilot key	✓
Maximum internal memory *	32 GB	Software	
Storage		Operating system architecture	64-bit
Total storage capacity *	1 TB	Operating system installed *	Windows 11 Home
Storage media *	SSD	Battery	
Total SSDs capacity	1 TB	Battery technology	Lithium-Ion (Li-Ion)
Number of SSDs installed	1	Number of battery cells	4
SSD capacity	1 TB	Battery capacity *	76 Wh
SSD interface	PCI Express 4.0	Battery life (max)	6 h
NVMe	✓	Power	
SSD form factor	M.2	AC adapter power	135 W
Optical drive type *	✗	USB Type-C charging port *	✓
Card reader integrated	✓	Security	
Compatible memory cards	MicroSD (TransFlash)	Cable lock slot	✓
Graphics		Cable lock slot type	Kensington
Discrete GPU manufacturer	NVIDIA	Trusted Platform Module (TPM)	✓
Discrete graphics card model *	NVIDIA GeForce RTX 5060	Password protection	✓
Discrete graphics card memory	8 GB	Password protection type	BIOS, HDD, Supervisor, User
Discrete graphics memory type	GDDR7	Weight & dimensions	
On-board graphics card *	✓	Width	360 mm
On-board GPU manufacturer	AMD	Depth	275.6 mm
Discrete graphics card *	✓	Height	24.5 mm
On-board graphics card family	AMD Radeon	Weight *	2.44 kg
On-board graphics card model *	AMD Radeon 780M	Packaging content	
		AC adapter included *	✓



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