



Acer Nitro V 16 AI ANV16-42-R20S AMD Ryzen™ 7 260 Laptop 40.6 cm (16") WQXGA 16 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 5070 Wi-Fi 6E (802.11ax) Windows 11 Home Black QWERTZ German

Brand : Acer

Product family: Nitro

Product code: NH.QYYEG.002

Product name : ANV16-42-R20S



Acer Nitro V 16 AI ANV16-42-R20S. 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 family	AMD Radeon
Product type *	Laptop	On-board graphics card model *	AMD Radeon 780M
Product colour *	Black	On-board graphics card cores	12
Form factor *	Clamshell	On-board graphics card 4K support	✓
Market positioning	Gaming	On-board graphics card 8K support	✓
Display		Graphics card Open GL support	✓
Display diagonal *	40.6 cm (16")	Audio	
Display resolution *	2560 x 1600 pixels	Audio system	DTS:X Ultra
Touchscreen *	✗	Number of built-in speakers	2
HD type	WQXGA	Built-in microphone	✓
Panel type	IPS	Camera	
Display technology marketing name	ComfyView	Front camera	✓
Native aspect ratio	16:10	Front camera resolution	1280 x 720 pixels
Display surface	Matt	Front camera HD type	HD
RGB colour space	sRGB	Network	
Colour gamut	100%	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Maximum refresh rate	180 Hz	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Processor		Mobile network connection *	✗
Processor manufacturer *	AMD	Antenna type	2x2
Processor family *	AMD Ryzen™ 7	Ethernet LAN	✓
Processor generation	AMD Ryzen 200 Series	Ethernet LAN data rates	10,100,1000 Mbit/s
Processor model *	260	Bluetooth	✓
Processor cores	6	Bluetooth version	5.3
Processor threads	16	Ports & interfaces	
Processor boost frequency	5.1 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Processor frequency *	3.8 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
L3 cache	16 MB	USB4 Gen 3x2 ports quantity	1
L2 cache	8 MB	Ethernet LAN (RJ-45) ports	1
Neural processor unit (NPU)		HDMI ports quantity *	1
Neural processor unit (NPU)	AMD Ryzen AI		
Total processor performance up to	38 TOPs		
NPU performance up to	16 TOPs		

Neural processor unit (NPU)		Ports & interfaces	
GPU performance up to	16 TOPs	HDMI version	2.1
Memory		Combo headphone/mic port	✓
Internal memory *	16 GB	USB Type-C DisplayPort Alternate Mode	✓
Internal memory type	DDR5-SDRAM	Keyboard	
Memory form factor	SO-DIMM	Pointing device	Touchpad
Memory layout (slots x size)	1 x 16 GB	Numeric keypad *	✓
Memory slots	2x SO-DIMM	Keyboard backlit	✓
Maximum internal memory *	32 GB	Keyboard layout	QWERTZ
Storage		Keyboard language	German
Total storage capacity *	1 TB	Software	
Storage media *	SSD	Operating system architecture	64-bit
Total SSDs capacity	1 TB	Operating system installed *	Windows 11 Home
Number of SSDs installed	1	Battery	
SSD capacity	1 TB	Battery technology	Lithium-Ion (Li-Ion)
SSD interface	PCI Express 4.0	Number of battery cells	4
NVMe	✓	Battery capacity *	76 Wh
SSD form factor	M.2	Battery life (max)	7.5 h
Optical drive type *	✗	Power	
Card reader integrated	✓	AC adapter power	135 W
Compatible memory cards	MicroSD (TransFlash)	USB Type-C charging port *	✓
Graphics		Weight & dimensions	
Discrete GPU manufacturer	NVIDIA	Width	360 mm
Discrete graphics card model *	NVIDIA GeForce RTX 5070	Depth	275.6 mm
Discrete graphics card memory	8 GB	Height	24.5 mm
Discrete graphics memory type	GDDR7	Weight *	2.44 kg
On-board graphics card *	✓	Packaging content	
On-board GPU manufacturer	AMD	AC adapter included *	✓
Discrete graphics card *	✓		



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Catalog Object Cloud



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