



Acer Nitro V 16 ANV16-41 Gaming Laptop - AMD Ryzen 7 8845HS, 16GB, 512GB SSD, NVIDIA GeForce RTX 3050 6G, 16" WUXGA 165Hz, Windows 11, Black

Brand : Acer

Product family: Nitro

Product code: NH.QP2EK.002

Product name : Acer Nitro V 16 ANV16-41 Gaming Laptop - AMD Ryzen 7 8845HS, 16GB, 512GB SSD, NVIDIA GeForce RTX 3050 6G, 16" WUXGA 165Hz, Windows 11, Black



- Windows 11 Home
- AMD Ryzen 7 8845HS (24MB Cache, 3.8GHz)
- 40.6 cm (16") WUXGA 1920 x 1200 IPS, NVIDIA GeForce RTX 3050 (6GB GDDR6)
- 16GB (5600MHz) DDR5-SDRAM (2 x 8) & 512GB SSD
AMD Ryzen 7 8845HS (24MB Cache, 3.8GHz), 16GB DDR5-SDRAM, 512GB SSD, 40.6 cm (16") WUXGA 1920 x 1200 IPS, AMD Radeon 780M, NVIDIA GeForce RTX 3050 (6GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home
Acer Nitro V 16 ANV16-41 Gaming Laptop - AMD Ryzen 7 8845HS, 16GB, 512GB SSD, NVIDIA GeForce RTX 3050 6G, 16" WUXGA 165Hz, Windows 11, Black. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ 7, Processor model: 8845HS, Processor frequency: 3.8 GHz. Display diagonal: 40.6 cm (16"), HD type: WUXGA, Display resolution: 1920 x 1200 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: AMD Radeon 780M. Operating system installed: Windows 11 Home. Product colour: Black

Design		Audio	
Colour name	Obsidian 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
Foldable display	✗	Front camera HD type	HD
Display diagonal *	40.6 cm (16")	Network	
Display resolution *	1920 x 1200 pixels	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Touchscreen *	✗	Wi-Fi standards	Wi-Fi 6 (802.11ax)
HD type	WUXGA	Mobile network connection *	✗
Panel type	IPS	Ethernet LAN	✓
Display technology marketing name	ComfyView	Ethernet LAN data rates	10,100,1000 Mbit/s
LED backlight	✓	Bluetooth	✓
Native aspect ratio	16:10	Ports & interfaces	
Display surface	Matt	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Maximum refresh rate	165 Hz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Processor		USB4 Gen 3x2 ports quantity	1
Processor manufacturer *	AMD	Ethernet LAN (RJ-45) ports	1
Processor family *	AMD Ryzen™ 7	HDMI ports quantity *	1
Processor generation	AMD Ryzen 8000 Series	Combo headphone/mic port	✓
Processor model *	8845HS	Charging port type	DC-in jack
Processor cores	8	USB Type-C DisplayPort Alternate Mode	✓
Processor threads	16	Keyboard	
Processor boost frequency	5.1 GHz	Pointing device	Touchpad
Processor frequency *	3.8 GHz	Numeric keypad *	✓
Processor cache	24 MB	Keyboard backlit	✓
Processor cache type	L2 & L3		
Neural processor unit (NPU)			
Neural processor unit (NPU)	AMD Ryzen AI		

Neural processor unit (NPU)		Keyboard	
Total processor performance up to	38 TOPs	Keyboard backlit colour	Amber
NPU performance up to	16 TOPs	Software	
GPU performance up to	16 TOPs	Operating system installed *	Windows 11 Home
Memory		Battery	
Internal memory *	16 GB	Battery technology	Lithium Polymer (LiPo)
Internal memory type	DDR5-SDRAM	Battery capacity *	57 Wh
Memory clock speed	5600 MHz	Battery life (max)	7 h
Memory form factor	SO-DIMM	Battery charge indicator	✓
Memory layout (slots x size)	2 x 8 GB	Power	
Memory slots	2x SO-DIMM	AC adapter power	135 W
Storage		USB Type-C charging port *	✓
Total storage capacity *	512 GB	USB Power Delivery (USB PD) *	✓
Storage media *	SSD	USB charging voltage	5 V
Total SSDs capacity	512 GB	USB charging current	3 A
Number of SSDs installed	1	Security	
SSD capacity	512 GB	Cable lock slot	✓
SSD interface	PCI Express 4.0	Cable lock slot type	Kensington
NVMe	✓	Trusted Platform Module (TPM)	✓
SSD form factor	M.2	Password protection	✓
Optical drive type *	✗	Password protection type	BIOS, Supervisor, User
Card reader integrated	✓	Weight & dimensions	
Compatible memory cards	MicroSD (TransFlash)	Width	361.2 mm
Graphics		Depth	278.4 mm
Discrete GPU manufacturer	NVIDIA	Height	25.5 mm
Discrete graphics card model *	NVIDIA GeForce RTX 3050	Height (front)	2.59 cm
Discrete graphics card memory	6 GB	Height (rear)	2.79 cm
Discrete graphics memory type	GDDR6	Weight *	2.5 kg
On-board graphics card *	✓	Packaging data	
On-board GPU manufacturer	AMD	Package width	70 mm
Discrete graphics card *	✓	Package depth	528 mm
On-board graphics card model *	AMD Radeon 780M	Package height	316 mm
		Package weight	3.75 kg
		Packaging content	
		AC adapter included *	✓



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