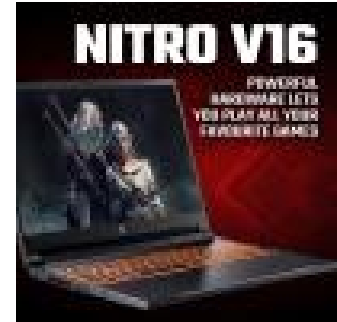# Acer Nitro V 16 ANV16-41 Gaming Laptop - AMD Ryzen 7 8845HS, 16GB, 512GB SSD, NVIDIA GeForce RTX 3050 6G, 16" WUXGA 165Hz, Windows 11, Black

Brand : Acer **Product family:** Nitro **Product code:** NH.QP2EK.002
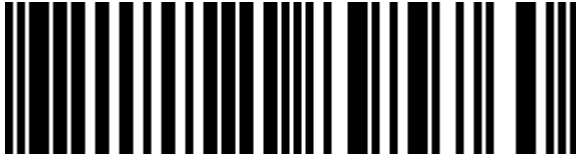
Product name : Acer Nitro V 16 ANV16-41 Gaming Laptop - AMD Ryzen 7 8845HS, 16GB, 512GB SSD, NVIDIA GeForce RTX 3050 6G, 16" WUXGA 165Hz, Windows 11, Black

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. Discrete graphics card model: NVIDIA GeForce RTX 3050. Operating system installed: Windows 11 Home. Product colour: Black

Design

Product type *	Laptop
Product colour *	Black
Form factor *	Clamshell

Display

Foldable display	✘
Display diagonal *	40.6 cm (16")
Display resolution *	1920 x 1200 pixels
Touchscreen *	✘
HD type	WUXGA
Panel type	IPS
Display technology marketing name	ComfyView
Native aspect ratio	16:10
Display surface	Matt
Display brightness	300 cd/m²
RGB colour space	sRGB
Colour gamut	100%
Maximum refresh rate	165 Hz

Processor

Processor manufacturer *	AMD
Processor family *	AMD Ryzen™ 7
Processor model *	8845HS
Processor cores	8
Processor threads	16
Processor boost frequency	5.1 GHz
Processor frequency *	3.8 GHz
Processor cache	16 MB

Memory

Internal memory *	16 GB

Camera

Front camera	✔
Front camera resolution	1280 x 720 pixels
Front camera HD type	HD

Network

Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
Ethernet LAN	✔
Bluetooth	✔

Ports & interfaces

USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
USB4 Gen 2x2 ports quantity	1
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
Combo headphone/mic port	✔

Keyboard

Pointing device	Touchpad
Numeric keypad *	✔
Keyboard backlit	✔
Keyboard backlit colour	Amber

Software

Operating system installed *	Windows 11 Home

Battery

Battery technology	Lithium Polymer (LiPo)

Memory

Internal memory type	DDR5-SDRAM
Memory clock speed	5600 MHz
Memory layout (slots x size)	2 x 8 GB
Maximum internal memory *	32 GB

Storage

Total storage capacity *	512 GB
Storage media *	SSD
SSD interface	PCI Express 4.0
NVMe	✔
SSD form factor	M.2

Graphics

Discrete GPU manufacturer	NVIDIA
Discrete graphics card model *	NVIDIA GeForce RTX 3050
Discrete graphics card *	✔

Audio

Number of built-in speakers	2
Built-in microphone	✔
Number of microphones	3

Battery

Battery capacity *	57 Wh
Battery life (max)	7 h

Power

AC adapter power	135 W

Security

Cable lock slot	✔
Cable lock slot type	Kensington
Trusted Platform Module (TPM)	✔
Password protection	✔
Password protection type	BIOS, Supervisor, User

Weight & dimensions

Width	361.2 mm
Depth	278.4 mm
Height	25.5 mm
Weight *	2.5 kg

Packaging data

Package width	70 mm
Package depth	528 mm
Package height	316 mm
Package weight	3.75 kg

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