Acer Nitro V16

(ANV16-41-R3PU)



- Processor: AMD Ryzen™ 7 8845HS
- Display: 16" Acer ComfyView™ WQXGA IPS 165 Hz (non-glare)
- Memory: 16 GB DDR5 RAM
- Mass storage: 1.000 GB PCIe Gen4 SSD
- Graphics card: NVIDIA® GeForce RTX™ 4050
- Operating system: Windows 11 Home (64 Bit)

AMD RYZEN 7 | 165 HZ | Windows 11 | NVIDIA GEFORCE RTX

Acer ANV16-41-R3PU

SPECIFICATIONS







Ordering Information

Series	Acer Nitro V16
Model name	ANV16-41-R3PU
Part number	NH.QP1EZ.002
EAN	4711121992728
Short description	16" Acer ComfyView™ WQXGA IPS 165 Hz (non-glare) / AMD Ryzen™ 7 8845HS / 16 GB DDR5 RAM / 1.000 GB PCIe Gen4 SSD / NVIDIA® GeForce RTX™ 4050 / Windows 11 Home (64 Bit) / Obsidian Black

Operating System

Operating System	Windows 11 Home (64 Bit)

Housing

Housing / Color	Obsidian Black
Component door	-
Dimensions	361.80 x 278.40 x 25.46 mm (W x D x H)
Weight	2.5 kg
Passively cooled (fanless)	-

Display

Display size	16 inches (40.64 cm)
Display type	Acer ComfyView™ WQXGA IPS 165 Hz Display with LED-Backlight (non-glare)
Display resolution in pixel	2.560 x 1.600
Aspect ratio	16:10

Processor and chipset

Processor	AMD Ryzen™ 7 8845HS Processor
Clock frequency	3.8 GHz base clock (Up to 5.1 GHz max. performance clock rate)
Cache	16MB
Processing cores / threads	8 / 16
Chipset	Integrated SOC

Storage and drives

Memory	16 GB DDR5 RAM
Memory configuration	2 x 8 GB DDR5 RAM
Maximum RAM	Up to 32 GB DDR5 RAM (2x 16 GB soDIMM)
Mass storage	1.000 GB PCIe Gen4 NVMe Solid-State-Drive (SSD)

Graphics card

Graphics card	NVIDIA® GeForce RTX™ 4050
Graphics card memory dedicated	6 GB GDDR6 VRAM

Connections

LAN	Intel® Ethernet Connection I219-LM Gigabit Ethernet
Wireless LAN	Intel® Wi-Fi 6E (802.11 ax)
Wireless WAN / SIM-Card	-
Wireless Gigabit	-
Bluetooth	Bluetooth® 5.3
NFC	-

IO ports

HDMI	1x HDMI® 2.1
VGA	-
Displayport	via USB Type-C
Thunderbolt	-
USB 3.2	2x (2x Type-A Gen 2 (1x with Power-Off USB Charging))
USB 3.1	-
USB 3.0	-
USB 2.0	-
USB 4.0	1x (Type-C)
Ethernet (RJ-45)	Ja
Cardreader	-
Audio port	1x 3.5 mm speaker/headphone/line-out (supports headsets with integrated microphone)
Docking port	-

Input

Keyboard	Acer FineTip keyboard with numpad (103-/104-/107-keys)
Keyboard layout	Swiss
Backlit keyboard	Yes (Amber)
Touchpad	Multi-Gesture TouchPad (Microsoft Precision Touchpad certification)

Security

Fingerprint sensor	-
Kensington Lock	Yes
Security software	-

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Audio and video

Audio	DTS® X:Ultra Audio, Acer TrueHarmony, Acer Purified, AI noise reduction | compatible with Cortana with Voice
Speaker	Zwei eingebaute Stereo-Lautsprecher
Microphone	Zwei eingebaute Mikrofone
Webcam	HD Webcam

Battery and power adapter

Battery	Li-Ion battery (3 cells / 57 Wh)
Battery lifetime	Up to 4.5 hours (based on MobileMark® 2025 test results)
Power adapter	135W AC power adapter
Battery built in	-

Software

Office	1 month trial for new Microsoft 365 customers. Credit card required
Other software	NitroSense, Planet9, Acer Product Registration, Acer QuickPanel

Warranty

Warranty	2-year mail-in/return service

Logistics

Quantity per layer	24
Quantity per europallet	72
Quantity per tower	144
Quantity per container	1584
Carton dimensions / weight	528.0 x 316.0 x 70.0 mm (W x D x H) / 3.75 kg

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