



Acer Nitro 16

(AN16-41-R46A)



- Processor: AMD Ryzen™ 7 7840HS
- Display: 16" Acer ComfyView™ WQXGA IPS 165 Hz (non-glare)
- Memory: 16 GB DDR5 RAM
- Mass storage: 1,000 GB M.2 PCIe Gen4 SSD
- Graphics card: NVIDIA® GeForce RTX™ 4070
- Operating system: Windows 11 Home (64 Bit)

165_{Hz}





Acer AN16-41-R46A

SPECIFICATIONS



Ordering Information

Series	Acer Nitro 16
Model name	AN16-41-R46A
Part number	NH.QLJEV.001
EAN	4711121762925
Short description	16" Acer ComfyView™ WQXGA IPS 165 Hz (non-glare) / AMD Ryzen™ 7 7840HS / 16 GB DDR5 RAM / 1.000 GB M.2 PCIe Gen4 SSD / NVIDIA® GeForce RTX™ 4070 / Windows 11 Home (64 Bit) / Obsidian Black

Operating System

Operating System	Windows 11 Home (64 Bit)
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Housing

Housing / Color	Obsidian Black
Component door	-
Dimensions	360.1 x 279.9 x 27.9 mm (W x D x H)
Weight	2.7 kg
Passively cooled (fanless)	-

Display

Display size	16 Inch (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

Processor	AMD Ryzen™ 7 7840HS Processor
Clock frequency	3.8 GHz base clock (up to 5.10 GHz max. power clock rate)
Cache	16 MB
Processing cores / threads	8 / 16
NPU	AMD Ryzen™ AI (up to 10 TOPS)

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 M.2 PCIe Gen4 Solid-State-Drive (SSD)

Graphics card

Graphics card	NVIDIA® GeForce RTX™ 4070
Graphics card memory dedicated	8 GB GDDR6 VRAM
Maximum Graphic Power	140
Maximum Boost Frequency	1681

Connections

LAN	Killer™ Ethernet E2600
Wireless LAN	Wi-Fi 6E
Wireless WAN / SIM-Card	-
Wireless Gigabit	-
Bluetooth	Bluetooth® 5.1
NFC	-

I/O ports

HDMI	1x HDMI® 2.1 with HDCP support
Displayport	via USB Type-C
Thunderbolt	-
USB 3.2	2x (Type-A Gen 2 (1x with Power-Off USB Charging))
USB 3.1	-
USB 3.0	-
USB 2.0	1x Type A
USB 4.0	2x USB4® Type-C
Ethernet (RJ-45)	Yes
Cardreader	MicroSD Card reader (up to 512GB)
Smart card reader	-
Audio port	1x speaker/headphone/line-out (supports headsets with built-in microphone)
Docking port	-

Input

Keyboard	Acer FineTip RGB keyboard with numpad (103-/104-/107-keys)
Keyboard layout	German (QWERTZ)
Backlit keyboard	Yes (4 Zone RGB)
Touchpad	Precision Multi-Gesture Touchpad

Security

Fingerprint sensor	-
Kensington Lock	Yes
Security software	-



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Audio and video

Audio	DTS: X® Ultra audio
Speaker	Dual 2W speakers
Microphone	dual built-in microphones
Webcam	HD Webcam

Battery and power adapter

Battery	Li-Ion battery (4 cells / 90 Wh)
Battery lifetime	Up to 10 hours
Power adapter	330 watt power supply
Battery built in	-

Software

Office	1 month trial for new Microsoft 365 customers. Credit card required
Other software	NitroSense

Special features

Special features	Cooling technologies: Dual Fan Cooling, liquid metal
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Warranty

Warranty	2-year mail-in/return service
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Logistics

Quantity per layer	20
Quantity per europallet	80
Quantity per tower	100
Quantity per container	1100
Carton dimensions / weight	543.0 x 341.0 x 80.0 mm (W x D x H) / 4 Kg

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