



Acer Nitro 16

(AN16-41-ROWZ)



- Processor: AMD Ryzen™ 5 7535HS
- Display: Acer ComfyView™ WUXGA 165Hz IPS display (non-glare)
- Memory: 16 GB DDR5 RAM
- Mass storage: 512 GB PCIe Gen4 SSD
- Graphics card: NVIDIA® GeForce RTX™ 4050
- Operating system: Windows 11 Home (64 Bit)

165_{HZ}



IPS
In-Plane Switching





Acer AN16-41-ROWZ

SPECIFICATIONS



Ordering Information

Series	Acer Nitro 16
Model name	AN16-41-ROWZ
Part number	NH.QKBEL.001
EAN	4711121584770
Short description	Acer ComfyView™ WUXGA 165Hz IPS display (non-glare) / AMD Ryzen™ 5 7535HS / 16 GB DDR5 RAM / 512 GB PCIe Gen4 SSD / NVIDIA® GeForce RTX™ 4050 / Windows 11 Home (64 Bit) / Black

Operating System

Operating System	Windows 11 Home (64 Bit)
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Housing

Housing / Color	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™ WUXGA 165Hz IPS display with LED backlight and 100% sRGB (non-glare)
Display resolution in pixel	1920 x 1200
Aspect ratio	16:10

Processor and chipset

Processor	AMD Ryzen™ 5 7535HS processor
Clock frequency	3.3 GHz base clock (Up to 4.55 GHz max. power clock rate)
Cache	16 MB
Processing cores / threads	6 / 12
Chipset	Integrated SOC

Storage and drives

Memory	16 GB DDR5 RAM
Memory configuration	1 x 16 GB DDR5 RAM
Maximum RAM	Up to 32 GB DDR RAM (2x 16 GB soDIMM)
Mass storage	512 GB M.2 PCIe NVMe SSD Opal
Optical drive	-

Graphics card

Graphics card	NVIDIA® GeForce RTX™ 4050
Graphics card memory dedicated	6 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® 5.2
NFC	-

I/O ports

HDMI	1x HDMI® 2.1 with HDCP support
VGA	-
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
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	US International (QWERTY)
Backlit keyboard	Yes (4 zones 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	230W AC power adapter
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	60
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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