



Acer Nitro 17

(AN17-42-R21X)



- Processor: AMD Ryzen™ 9 8945HS
- Display: 17,3" Acer ComfyView™ QHD 165Hz IPS (non-glare)
- Memory: 32 GB DDR5 RAM
- Mass storage: 1.000 GB M.2 PCIe Gen4 SSD + 1.000 GB M.2 PCIe Gen4 SSD
- Graphics card: NVIDIA® GeForce RTX™ 4070
- Operating system: Windows 11 Home (64 Bit)

165_{HZ}





Acer AN17-42-R21X

SPECIFICATIONS



Ordering Information

Series	Acer Nitro 17
Model name	AN17-42-R21X
Part number	NH.QP9EG.002
EAN	4711121966606
Short description	17,3" Acer ComfyView™ QHD 165Hz IPS (non-glare) / AMD Ryzen™ 9 8945HS / 32 GB DDR5 RAM / 1.000 GB M.2 PCIe Gen4 SSD + 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	400.20 x 293.25 x 28.90 mm (W x D x H)
Weight	3.1 kg
Passively cooled (fanless)	-

Display

Display size	17.3 inch (43.94 cm)
Display type	Acer ComfyView™ QHD 165Hz IPS display with LED backlight and 100% DCI-P3 (non-glare)
Display resolution in pixel	2560 x 1440
Aspect ratio	16:9

Processor

Processor	AMD Ryzen™ 9 8945HS Processor
Clock frequency	4.0 GHz base clock (Up to 5.2 GHz max. performance clock rate)
Cache	16MB
Processing cores / threads	8 / 16
NPU	AMD Ryzen™ AI (up to 16 TOPS)

Storage and drives

Memory	32 GB DDR5 RAM
Memory configuration	2 x 16 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) + 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	2080

Connections

LAN	Killer™ Gigabit Ethernet E3100G
Wireless LAN	Intel® Wi-Fi 6E (802.11 ax)
Wireless WAN / SIM-Card	-
Wireless Gigabit	-
Bluetooth	Bluetooth® 5.3
NFC	-

I/O ports

HDMI	1x HDMI® 2.1
Displayport	via USB Type-C
Thunderbolt	-
USB 3.2	3x (2x Type-A Gen 2 (1x with Power-Off USB Charging); 1x Type-C Gen 2)
USB 3.1	-
USB 3.0	-
USB 2.0	1 x (Type-A)
USB 4.0	1x (Type-C)
Ethernet (RJ-45)	Yes
Cardreader	MicroSD Card reader (up to 512GB)
Smart card reader	-
Audio port	1x 3.5 mm speaker/headphone/line-out (supports headsets with integrated 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	Multi-Gesture TouchPad (Microsoft Precision Touchpad certification)

Security

Fingerprint sensor	-
Kensington Lock	Yes
Security software	MSFT Pluton Security Processor Firmware TPM solution (optional)



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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	two built-in stereo 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 8 hours (based on video playback test results)
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, Planet9, Acer Product Registration, Acer QuickPanel

Special features

Special features	Liquid Metal, Vector heat pipe, Dual Fan Cooling, quad-intake, quad-exhaust
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Warranty

Warranty	2-year mail-in/return service
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Logistics

Quantity per layer	19
Quantity per europallet	57
Quantity per tower	95
Quantity per container	1045
Carton dimensions / weight	556.0 x 349.0 x 87.0 mm (W x D x H) / 5.16 kg

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