



Acer Nitro V 17 AI

ANV17-41-R3C8



- Processor: AMD Ryzen™ 5 240
- Display: 17,3" Full HD IPS 144 Hz (none glare)
- Memory: 16 GB DDR5 RAM
- Mass storage: 512 GB SSD
- Graphics card: NVIDIA® GeForce RTX™ 5050
- Operating system: Windows 11 Home (64 Bit)





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SPECIFICATIONS



Ordering Information

Series	Acer Nitro V17 AI
Model	ANV17-41-R3C8
Article number	NH.QYSEL.001
EAN	4711474745217
Short description	17,3" Full HD IPS 144 Hz (none glare) / AMD Ryzen™ 5 240 / 16 GB DDR5 RAM / 512 GB SSD / NVIDIA® GeForce RTX™ 5050 / Windows 11 Home (64 Bit) / Obsidian Black

Operating System

Operating System	Windows 11 Home (64 Bit)
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Housing

Housing colour	Obsidian Black
Component door	-
Dimensions	400.85 x 275.62 x 24.0 mm (W x D x H)
Weight	2.71 kg
Passively cooled (fanless)	-

Display

Display size	17.3 inches (43.94 cm)
Display type	Acer ComfyView™ Full HD IPS Display 144 Hz with LED-Backlight (non glare)
Display resolution in pixel	1.920 x 1.080
Aspect ratio	16:9

Processor

Processor	AMD Ryzen™ 5 240 processor
Clock frequency	4.3 GHz 6GHz base clock (Up to 5.0 GHz max. performance frequency)
Cache	16 MB
Processing cores / threads	6 / 12
NPU	AMD Ryzen™ AI (Up to 16 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	512 GB SSD

Graphics card

Graphics card	NVIDIA® GeForce RTX™ 5050
Graphics card memory dedicated	8GB GDDR7 VRAM

Connections

LAN	Killer™ Ethernet E2600
Wireless LAN	Wi-Fi 6E (902.11 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-A Gen 1)
USB 3.1	-
USB 3.0	-
USB 2.0	-
USB 4.0	1x (Type-C)
USB Power Delivery	Yes
Ethernet (RJ-45)	Yes
Cardreader	MicroSD cardreader
Smart card reader	-
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	US International (QWERTY)
Backlit keyboard	Yes (amber)
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	three built-in microphones
Webcam	HD Webcam

Battery and power adapter

Battery	Li-Ion battery (4 cells / 76 Wh)
Battery lifetime	Up to 10.5 hours
Power adapter	135W power adapter (50% PCR-plastic)
Battery built in	-
Minimum charging power	90 W
Maximum charging power	100 W

Software

Office	1 month trial for new Microsoft 365 customers. 3 months Comepass. Credit card required
Other software	NitroSense™, Acer LiveArt

Special features

Special features	AI ready
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Warranty

Warranty	2-year mail-in/return service
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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) / 4,04 kg