



Acer Nitro 16

AN16-A91-R9ZL



- Processor: AMD Ryzen™ 9 9955HX3D
- Display: 16" Acer ComfyView™ WQXGA IPS 240 Hz (non-glare)
- Memory: 32 GB DDR5 RAM
- Mass storage: 1 TB PCIe Gen4 Solid-State-Drive (SSD)
- Graphics card: NVIDIA® GeForce RTX™ 5070 Ti
- Operating system: Windows 11 Home (64 Bit)





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SPECIFICATIONS



Ordering Information

Series	Acer Nitro 16
Model	AN16-A91-R9ZL
Article number	NH.U73EG.003
EAN	4717121226476
Short description	16" Acer ComfyView™ WQXGA IPS 240 Hz (non-glare) / AMD Ryzen™ 9 9955HX3D / 32 GB DDR5 RAM / 1 TB PCIe Gen4 Solid-State-Drive (SSD) / NVIDIA® GeForce RTX™ 5070 Ti / 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	356.78 x 275.50 x 27.95 mm (W x D x H)
Weight	2.4 kg
Passively cooled (fanless)	-

Display

Display size	16 inches (40.64 cm)
Display type	Acer ComfyView™ WQXGA IPS 240 Hz display with LED backlight (non-glare)
Display resolution in pixel	2.560 x 1.600
Aspect ratio	16:10

Processor

Processor	AMD Ryzen™ 9 9955HX3D processor
Clock frequency	2,5 GHz base frequency (Upto 5,4 GHz max. performance frequency)
Cache	128 MB
Processing cores / threads	16 / 32
NPU	-

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 TB PCIe Gen4 Solid-State-Drive (SSD)

Graphics card

Graphics card	NVIDIA® GeForce RTX™ 5070 Ti
Graphics card memory dedicated	12GB GDDR7 VRAM

Connections

LAN	Killer™ Gigabit Ethernet E3100G
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	2x (2x Type-A Gen 2 (1x with Power-Off USB Charging))
USB 3.1	-
USB 3.0	-
USB 2.0	1x (1x Type-A)
USB 4.0	2x (2x 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 RGB keyboard with numpad
Keyboard layout	German (QWERTZ)
Backlit keyboard	Yes
Touchpad	Multi-Gesture Touchpad (Microsoft Precision Touchpad certification)

Security

Fingerprint sensor	-
Kensington Lock	Yes
Security software	MSFT Pluton Security Processor as Firmware TPM solution



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Audio and video

Audio	DTS® X-Ultra Audio, Acer TrueHarmony, Acer Purified.Voice, AI noise reduction compatible with Cortana with Voice
Speaker	two built-in stereo speakers
Microphone	three built-in microphones
Webcam	FHD webcam

Battery and power adapter

Battery	Li-Ion battery (4 cells / 92 Wh)
Battery lifetime	TBD
Power adapter	330W AC 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	Acer My Key Application

Special features

Special features	FHD webcam
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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) / 4.77 kg