



Acer Nitro 18 AI

AN18-61-R08B



- Processor: AMD Ryzen™ AI 9 365
- Display: 18" Acer ComfyView™ WQXGA IPS 165 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 (64Bit)





Acer AN18-61-R08B

SPECIFICATIONS



Ordering Information

Series	Acer Nitro 18 AI
Model	AN18-61-R08B
Article number	NH.QYEEG.007
EAN	4711721286128
Short description	18" Acer ComfyView™ WQXGA IPS 165 Hz (non-glare) / AMD Ryzen™ AI 9 365 / 32 GB DDR5 RAM / 1 TB PCIe Gen4 Solid-State-Drive (SSD) / NVIDIA® GeForce RTX™ 5070 Ti / Windows 11 Home (64Bit) / Obsidian Black

Operating System

Operating System	Windows 11 Home (64Bit)
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Housing

Housing colour	Obsidian Black
Component door	-
Dimensions	400.90 x 310.30 x 25.45 mm (W x D x H)
Weight	3.02 kg
Passively cooled (fanless)	-

Display

Display size	18 inches (45,72 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™ AI 9 365
Clock frequency	2.0 GHz 6Hz base clock (Up to 5.0 GHz max. performance frequency)
Cache	24 MB
Processing cores / threads	10 / 20
NPU	AMD Ryzen™ AI (Up to 50 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 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	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)
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 (4 Zone RGB)
Touchpad	Multi-Gesture TouchPad (Microsoft Precision Touchpad certification)

Security

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



Acer AN18-61-R088

SPECIFICATIONS

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	FHD Webcam

Battery and power adapter

Battery lifetime	Up to 8 hours
Power adapter	230W 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 Gamepass. Credit card required
Other software	NitroSense™, PlanetS, Acer LiveArt

Special features

Special features	Copilot+PC, FHD webcam, A-cover made of aluminum, 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	18
Quantity per europallet	54
Quantity per tower	90
Quantity per container	990
Carton dimensions / weight	599.0 x 376.0 x 82.0 mm (W x D x H) / 5.18 kg