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Acer Nitro V16

(ANV16-71-77U1)



- Processor: Intel® Core™ i7-14650HX
- Display: Acer ComfyView™ WQXGA 180Hz IPS Display
- Memory: 16 GB DDR5 RAM
- Mass storage: 1.000 GB PCIe Gen4 SSD
- Graphics card: NVIDIA® GeForce RTX™ 4060
- Operating system: Linux (eShell)





Acer ANV16-71-77U1

SPECIFICATIONS



Ordering Information

Series	Acer Nitro V16
Model name	ANV16-71-77U1
Part number	NH.QTQEX.00J
EAN	4711474296047
Short description	Acer ComfyView™ WQXGA 180Hz IPS Display / Intel® Core™ i7-14650HX / 16 GB DDR5 RAM / 1.000 GB PCIe Gen4 SSD / NVIDIA® GeForce RTX™ 4060 / Linux (eShell) / Obsidian Black

Operating System

Operating System	Linux (eShell)
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Housing

Housing / Color	Obsidian Black
Component door	-
Dimensions	361.24 x 278.40 x 25.46 mm (W x D x H)
Weight	2.5 kg
Passively cooled (fanless)	-

Display

Display size	16 inches (40.64 cm)
Display type	Acer ComfyView™ WQXGA 180Hz IPS Display with 100% sRGB (matt)
Display resolution in pixel	2.560 x 1.600
Aspect ratio	16:10

Processor

Processor	Intel® Core™ i7-14650HX Processor
Clock frequency	2.2 GHz base clock (Up to 5.2 GHz max. performance clock rate)
Cache	30 MB Intel® Smart Cache
Processing cores / threads	8 Performance-cores + 8 Efficient-cores / 24 Threads
NPU	-

Storage and drives

Memory	16 GB DDR5 RAM
Memory configuration	1x 16 GB DDR5 RAM
Maximum RAM	Up to 32 GB DDR5 RAM (2x 16 GB soDIMM)
Mass storage	1.000 GB PCIe Gen4 NVMe Solid-State-Drive (SSD)

Graphics card

Graphics card	NVIDIA® GeForce RTX™ 4060
Graphics card memory dedicated	8 GB GDDR6 VRAM
Maximum Graphic Power	85
Maximum Boost Frequency	2080 (overclocked)

Connections

LAN	Killer™ Ethernet E2600
Wireless LAN	Dual Band (2.4 GHz and 5 GHz) (802.11a/b/g/n/ac+ax wireless LAN)
Wireless WAN / SIM-Card	-
Wireless Gigabit	-
Bluetooth	Bluetooth® 5.2
NFC	-

IO ports

HDMI	1x HDMI® 2.1
Displayport	via USB Type-C
Thunderbolt	Thunderbolt™ 4 (via USB Type-C)
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	-
USB 4.0	-
Ethernet (RJ-45)	Yes
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)



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Security

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

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 / 57 Wh)
Battery lifetime	Up to 5 hours (based on web browsing results)
Power adapter	135W AC power adapter
Battery built in	-

Software

Other software	NitroSense™, Planet9, Acer Product Registration, Acer QuickPanel
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Warranty

Warranty	1 year carry in warranty (1st year International Travelers Warranty)
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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) / 3.86 kg

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