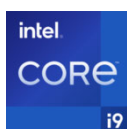# acer

Acer Nitro V 15
(ANV15-52-90WJ)

- Processor: Intel® Core™ i9-13900H
- Display: 15.6" Full-HD IPS 165 Hz (non-glare)
- Memory: 16 GB DDR4 RAM
- Mass storage: 1.000 GB PCIe Gen4 SSD
- Graphics card: NVIDIA® GeForce RTX™ 5050
- Operating system: Linux (eShell)

165HZ

intel CORE i9

NVIDIA GEFORCE RTX

IPS
In-Plane Switching

DDR4
Faster
data transit

Ordering Information

Series	Acer Nitro V 15
Model name	ANV15-52-90WJ
Part number	NH.QZ7EX.008
EAN	4711474546050
Short description	15.6" Full-HD IPS 165 Hz (non-glare) / Intel® Core™ i9-13900H / 16 GB DDR4 RAM / 1.000 GB PCIe Gen4 SSD / NVIDIA® GeForce RTX™ 5050 / Linux (eShell) / Obsidian Black

Operating System

Operating System	Linux (eShell)

Housing

Housing / Color	Obsidian Black
Component door	-
Dimensions	362.3 x 239.89 x 23.5 mm (W x D x H)
Weight	2.1 kg
Passively cooled (fanless)	-

Display

Display size	15.6 inch (39.62 cm)
Display type	Acer ComfyView™ Full HD IPS Display 165 Hz with LED-Backlight (non-glare)
Display resolution in pixel	1920 x 1080
Aspect ratio	16:9

Processor

Processor	Intel® Core™ i9-13900H processor
Clock frequency	Up to 5,4 GHz max. clock frequency
Cache	24 MB Intel® Smart Cache
Processing cores / threads	6 Performance-cores + 8 Efficient-cores / 20 Threads
NPU	-

Storage and drives

Memory	16 GB DDR4 RAM
Memory configuration	1 x 16 GB DDR4 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™ 5050
Graphics card memory dedicated	8GB GDDR7 VRAM

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	1x Thunderbolt™ 4 (via USB Type-C)
USB 3.2	4x (1x Type-C Gen 2, 3x Type-A Gen 1 (1x with Power-Off USB Charging))
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 (99-/100-/103-keys)
Keyboard layout	US International/Bulgarian
Backlit keyboard	Yes
Touchpad	Multi-Gesture TouchPad (Microsoft Precision Touchpad certification)

Security

Fingerprint sensor	-
Kensington Lock	Yes
Security software	Trusted Platform Module (TPM)

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 / 76 Wh)
Battery lifetime	Up to 8 hours (based on video playback test results)
Power adapter	135W power adapter (50% PCR-plastic)
Battery built in	-

Software

Other software	NitroSense, Planet9, Acer Product Registration, Acer QuickPanel, Amazon Alexa

Warranty

Warranty	1 year carry in warranty (1st year International Travelers Warranty)

Logistics

Quantity per layer	26
Quantity per europallet	78
Quantity per tower	156
Quantity per container	1716
Carton dimensions / weight	498.0 x 310.0 x 65.0 mm (W x D x H) / 3,26 kg