

acer

Acer Nitro V 15

(ANV15-A31-R2WG)



- Processor: AMD Ryzen™ 7 170 Processor
- Display: 15.6" Full-HD IPS 165 Hz (non-glare)
- Memory: 16 GB DDR5 RAM
- Mass storage: 1,000 GB PCIe Gen4 SSD
- Graphics card: NVIDIA® GeForce RTX™ 5060
- Operating system: Linux (eShell)

165Hz



IPS
In-Plane Switching



Acer ANV15-A31-R2WG

SPECIFICATIONS



Ordering Information

Series	Acer Nitro V 15
Model name	ANV15-A31-R2WG
Part number	NH.U3REX.004
EAN	4711474881472
Short description	15.6" Full-HD IPS 165 Hz (non-glare) / AMD Ryzen™ 7 170 Processor / 16 GB DDR5 RAM / 1.000 GB PCIe Gen4 SSD / NVIDIA® GeForce RTX™ 5060 / Linux (eShell) / Obsidian Black

Operating System

Operating System	Linux (eShell)
------------------	----------------

Housing

Housing / Color	Obsidian Black
Component door	-
Dimensions	362.3 x 239.9 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	AMD Ryzen™ 7 170 Processor
Clock frequency	Up to 4,75 GHz clock frequency
Cache	16 MB
Processing cores / threads	8 / 16
NPU	-

Storage and drives

Memory	16 GB DDR5 RAM
Memory configuration	1 x 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™ 5060
Graphics card memory dedicated	8GB GDDR7 VRAM
Maximum Graphic Power	75
Maximum Boost Frequency	1660

Connections

LAN	Killer™ Ethernet E2600
Wireless LAN	Wi-Fi 6E (802.11 ax)
Wireless WAN / SIM-Card	-
Wireless Gigabit	-
Bluetooth	Bluetooth® 5.3
NFC	-

I/O ports

HDMI	1x HDMI® 2.1
Displayport	TBD
Thunderbolt	-
USB 3.2	3x (Type-A Gen 1)
USB 3.1	-
USB 3.0	-
USB 2.0	-
USB 4.0	1x (Type-C)
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	TBD
Keyboard layout	US International (QWERTY)
Backlit keyboard	Yes (4-zone RGB)
Touchpad	TBD

Security

Fingerprint sensor	-
Kensington Lock	Yes
Security software	Discrete H1 Trusted Platform Module (TPM)



Acer ANV15-A31-R2WG

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	dual built-in microphones
Webcam	FHD Webcam

Battery and power adapter

Battery	Li-Ion Battery (76Wh)
Battery lifetime	TBD
Power adapter	135W power adapter (50% PCR-plastic)
Battery built in	-

Software

Other software	NitroSense, PlanetS, Acer Product Registration, Acer QuickPanel, Amazon Alexa
----------------	---

Warranty

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

Logistics

Quantity per layer	16
Quantity per europallet	48
Quantity per tower	96
Quantity per container	1056
Carton dimensions / weight	662.0 x 318.0 x 77.0 mm (W x D x H) / 4.18 kg

Others

Sensors	TBD
---------	-----

This data sheet is subject to change without notice. Availability may vary from region to region. Acer is not liable for any errors or omissions contained in the product descriptions. In addition to the standard warranty conditions, the statutory warranty regulations also apply to consumers. For more information on exclusions and limitations, please refer to our warranty conditions for the respective product. If the warranty period in the PDF document for the warranty conditions differs from the information on the Acer homepage, the information given on this website applies and not the information contained in the PDF. Copyright 2024 Acer, Inc. all rights reserved. Acer and the Acer logo are registered trademarks of Acer Incorporated. All other trademarks, registered trademarks and/or service marks mentioned or otherwise recognizable are the property of their respective owners. All prices quoted are manufacturer's suggested retail prices.