



Acer Nitro V 15 ANV15-A31-R8S5 Gaming Notebook

Brand : Acer

Product family: Nitro

Product code: NH.U3NEK.00M

Product name : Nitro V 15
ANV15-A31-R8S5 Gaming
Notebook

- Windows 11 Home 64-bit
- AMD Ryzen 5 150 (3.3GHz)
- 15.6" Full HD 1920 x 1080 IPS, NVIDIA GeForce RTX 5050 (8GB GDDR7)
- 8GB DDR5-SDRAM & 512GB SSD
AMD Ryzen 5 150 (3.3GHz), 8GB DDR5-SDRAM, 512GB SSD, 15.6" Full HD 1920 x 1080 IPS, AMD Radeon 660M, NVIDIA GeForce RTX 5050 (8GB GDDR7), LAN, WLAN, Webcam, Windows 11 Home 64-bit
Acer Nitro V 15 ANV15-A31-R8S5 Gaming Notebook. Product type: Laptop, Form factor: Clamshell.
Processor family: AMD Ryzen™ 5, Processor model: 150, Processor frequency: 3.3 GHz. Display diagonal: 39.6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 8 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: AMD Radeon 660M. Operating system installed: Windows 11 Home. Product colour: Black



Design		Camera	
Colour name	Black	Front camera resolution	1920 x 1080 pixels
Product type *	Laptop	Front camera HD type	Full HD
Product colour *	Black	Network	
Form factor *	Clamshell	Wi-Fi	✓
Housing material	Plastic	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Market positioning	Gaming	Wi-Fi standards	Wi-Fi 6E (802.11ax)
AI-powered	✗	Mobile network connection *	✗
Country of origin	China	Antenna type	2x2
Display		Ethernet LAN	✓
Display diagonal *	39.6 cm (15.6")	Ethernet LAN data rates	1000 Mbit/s
Display resolution *	1920 x 1080 pixels	Bluetooth	✓
Touchscreen *	✗	Bluetooth version	5.4
HD type	Full HD	Ports & interfaces	
Panel type	IPS	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Display technology marketing name	ComfyView	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
LED backlight	✓	Ethernet LAN (RJ-45) ports	1
Native aspect ratio	16:9	HDMI ports quantity *	1
Display surface	Matt	Intel® Thunderbolt 4	✓
Anti-glare screen	✓	Line-in	✗
Anti-microbial screen	✗	Combo headphone/mic port	✓
Display brightness	300 cd/m²	HDMI	✓
RGB colour space	sRGB	HDCP	✓
Colour gamut	100%	USB4 ports quantity	1
Maximum refresh rate	180 Hz	USB ports quantity	4
sRGB coverage (typical)	100%	Line-out	✓
Processor		USB Type-C DisplayPort Alternate Mode	✓
Processor manufacturer *	AMD	Keyboard	
Processor family *	AMD Ryzen™ 5	Keyboard special features	NitroSense
Processor generation	AMD Ryzen 100 Series	Pointing device	Touchpad
Processor model *	150	Numeric keypad *	✓
Processor cores	6		
Processor threads	12		
Processor boost frequency	4.55 GHz		

Processor		Keyboard	
Processor frequency *	3.3 GHz	Keyboard backlit	✓
Processor cache	16 MB	Keyboard backlit colour	RGB
L3 cache	16 MB	Keyboard backlit zone	4-zone RGB
L2 cache	3 MB	Keyboard language	UK English
Processor operating modes	64-bit	Copilot key	✓
Neural processor unit (NPU)		Touchpad features	Microsoft Precision Touchpad Certification
Copilot+ PC	✗	Software	
Memory		Operating system architecture	64-bit
Internal memory *	8 GB	Operating system installed *	Windows 11 Home
Internal memory type	DDR5-SDRAM	Windows Desktop Apps Games: Planet9 Stub (For Gaming) In-House: Acer ORD Service Acer QuickPanel NitroSense V5 (NB) Tools: Acer My Key Application	
Memory clock speed	4800 MHz		
Maximum internal memory *	32 GB		
Storage		Battery	
Total storage capacity *	512 GB	Battery technology	Lithium-Ion (Li-Ion)
Storage media *	SSD	Battery capacity *	76 Wh
Total SSDs capacity	512 GB	Battery life (max)	10.5 h
Number of SSDs installed	1	Power	
SSD capacity	512 GB	AC adapter power	135 W
SSD interface	PCI Express 4.0	DC-in jack	✓
NVMe	✓	USB Type-C charging port *	✓
SSD form factor	M.2	USB charging voltage	5 V
Optical drive type *	✗	USB charging current	3 A
Graphics		Security	
Discrete GPU manufacturer	NVIDIA	Cable lock slot	✓
Discrete graphics card model *	NVIDIA® GeForce RTX™ 5050	Cable lock slot type	Kensington
Discrete graphics card memory	8 GB	Fingerprint reader	✗
Discrete graphics memory type	GDDR7	Password protection	✓
On-board graphics card *	✓	Password protection type	HDD, Supervisor, User
On-board GPU manufacturer	AMD	Weight & dimensions	
Discrete graphics card *	✓	Width	362.3 mm
On-board graphics card family	AMD Radeon	Depth	239.9 mm
On-board graphics card model *	AMD Radeon 660M	Height	23.5 mm
Audio		Weight *	2.1 kg
Audio system	DTS:X Ultra	Packaging content	
Built-in speaker(s)	✓	AC adapter included *	✓
Number of built-in speakers	2	Keyboard included	✓
Built-in microphone	✓	Packaging content	Nitro V 15 ANV15-A31-R8S5 Gaming Notebook Lithium Ion (Li-Ion) Battery Power Adapter Power Cord
Number of microphones	2	Other features	
Camera		Security features	Kensington lock slot Firmware Trusted Platform Module (TPM) solution BIOS Passwords: User Supervisor
Front camera	✓	Chipset	AMD
		Manufacturer	Acer, Inc



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Catalog Object Cloud



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