



Acer Nitro V 15 ANV15-A31-R81Z Gaming Notebook

Brand : Acer

Product family: Nitro

Product code: NH.U3PEK.00M

Product name : Nitro V 15
ANV15-A31-R81Z Gaming
Notebook

- AMD Ryzen 5 150
- NVIDIA RTX 5060
- 15.6" 165Hz Full HD display
- 16GB DDR5 RAM
- 512GB SSD

Acer Nitro V15 (ANV15-A31) gaming laptop - AMD Ryzen 5 150, NVIDIA RTX 5060, 15.6" 165Hz Full HD (1920x1080), 16GB DDR5, 512GB SSD

Acer Nitro V 15 ANV15-A31-R81Z 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: 16 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		Audio	
Product type *	Laptop	Number of microphones	2
Product colour *	Black	Camera	
Form factor *	Clamshell	Front camera	✓
Country of origin	China	Front camera resolution (numeric)	2 MP
Display		Front camera resolution	1920 x 1080 pixels
Foldable display	✗	Front camera HD type	Full HD
Display diagonal *	39.6 cm (15.6")	Network	
Display resolution *	1920 x 1080 pixels	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Touchscreen *	✗	Wi-Fi standards	Wi-Fi 6E (802.11ax), Wi-Fi 6 (802.11ax), Wi-Fi 5 (802.11ac), Wi-Fi 4 (802.11n), 802.11g, 802.11b, 802.11a
HD type	Full HD	Mobile network connection *	✗
Panel type	IPS	Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
LED backlight	✓	Antenna type	2x2
Native aspect ratio	16:9	Ethernet LAN	✓
Maximum refresh rate	165 Hz	Ethernet LAN data rates	1000,100,10 Mbit/s
Processor		Bluetooth	✓
Processor manufacturer *	AMD	Bluetooth version	5.4
Processor family *	AMD Ryzen™ 5	MIMO	✓
Processor generation	AMD Ryzen 100 Series	MIMO type	Multi User MIMO
Processor model *	150	Ports & interfaces	
Processor cores	6	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Processor threads	12	USB4 Gen 2x2 ports quantity	1
Processor boost frequency	4.55 GHz	Ethernet LAN (RJ-45) ports	1
Processor frequency *	3.3 GHz	HDMI ports quantity *	1
L3 cache	16 MB	HDMI version	2.1
L2 cache	3 MB	USB Type-C DisplayPort Alternate Mode	✓
Neural processor unit (NPU)		USB Sleep-and-Charge	✓
Copilot+ PC	✗	USB Sleep-and-Charge ports	1
Memory		Keyboard	
Internal memory *	16 GB	Pointing device	Touchpad
Internal memory type	DDR5-SDRAM		
Memory clock speed	4800 MHz		
Memory layout (slots x size)	2 x 8 GB		
Maximum internal memory *	32 GB		

Storage		Keyboard	
Total storage capacity *	512 GB	Numeric keypad *	✓
Storage media *	SSD	Keyboard backlit	✓
Number of SSDs installed	1	Keyboard backlit colour	RGB
SSD capacity	512 GB	Keyboard language	UK English
SSD interface	PCI Express 4.0, M.2	Software	
NVMe	✓	Operating system installed *	Windows 11 Home
SSD form factor	M.2	Battery	
Optical drive type *	✗	Battery technology	Lithium-Ion (Li-Ion)
Graphics		Number of battery cells	4
Discrete GPU manufacturer	NVIDIA	Battery capacity *	76 Wh
Discrete graphics card model *	NVIDIA GeForce RTX 5060	Continuous video playback time (max)	10.5 h
Discrete graphics card memory	8 GB	Power	
Discrete graphics memory type	GDDR7	AC adapter power	135 W
On-board graphics card *	✓	USB Type-C charging port *	✓
On-board GPU manufacturer	AMD	USB Type-C required charging power (max) *	90 W
Discrete graphics card *	✓	USB Power Delivery (USB PD)	✓
On-board graphics card family	AMD Radeon	USB charging voltage	20 V
On-board graphics card model *	AMD Radeon 660M	Weight & dimensions	
On-board graphics card cores	6	Width	362.3 mm
NVIDIA G-SYNC	✓	Depth	239.9 mm
Audio		Height	23.5 mm
Audio system	DTS:X Ultra	Weight *	2.1 kg
Spatial audio	✓	Packaging data	
Number of built-in speakers	2	Package width	65 mm
Built-in microphone	✓	Package depth	498 mm
		Package height	310 mm
		Package weight	2.77 kg
		Packaging content	
		AC adapter included *	✓



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