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Acer Nitro V 15 ANV15-51-51GU Intel® Core™ i5 i5-13420H Laptop 39.6 cm (15.6") Full HD 8 GB DDR5-SDRAM 512 GB SSD NVIDIA GeForce RTX 3050 Wi-Fi 6 (802.11ax) Windows 11 Home Black

Brand : Acer

Product family: Nitro

Product code: NH.QNCEK.009

Product name :
ANV15-51-51GU

- Windows 11 Home 64-bit
- Intel Core i5-13420H (12MB Cache)
- 39.6 cm (15.6") Full HD 1920 x 1080 IPS, NVIDIA GeForce RTX 3050 (6GB GDDR6)
- 8GB DDR5-SDRAM & 512GB SSD
Intel Core i5-13420H (12MB Cache), 8GB DDR5-SDRAM, 512GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080 IPS, Intel UHD Graphics, NVIDIA GeForce RTX 3050 (6GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home 64-bit
Acer Nitro V 15 ANV15-51-51GU. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-13420H. 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: Intel® UHD Graphics, Discrete graphics card model: NVIDIA GeForce RTX 3050. Operating system installed: Windows 11 Home. Product colour: Black

Design

Product type *	Laptop
Product colour *	Black
Form factor *	Clamshell
Market positioning	Gaming

Display

Display diagonal *	39.6 cm (15.6")
Display resolution *	1920 x 1080 pixels
Touchscreen *	✖
HD type	Full HD
Panel type	IPS
Display technology marketing name	ComfortView
LED backlight	✓
Native aspect ratio	16:9
Display surface	Matt
Maximum refresh rate	144 Hz

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i5
Processor generation	13th gen Intel® Core™ i5
Processor model *	i5-13420H
Processor cores	8
Processor threads	12
Processor boost frequency	4.6 GHz
Performance cores	4
Efficient cores	4
Performance-core Max Turbo Frequency	4.6 GHz
Efficient-core Max Turbo Frequency	3.4 GHz
Processor cache	12 MB
Processor cache type	Smart Cache
Processor base power	45 W
Maximum turbo power	95 W

Memory

Internal memory *	8 GB

Graphics

Discrete graphics memory type	GDDR6
On-board graphics card *	✓
On-board GPU manufacturer	Intel
Discrete graphics card *	✓
On-board graphics card family	Intel® UHD Graphics
On-board graphics card model *	Intel® UHD Graphics

Audio

Number of built-in speakers	2
Built-in microphone	✓

Camera

Front camera	✓

Network

Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Wi-Fi standards	Wi-Fi 6 (802.11ax)
Mobile network connection *	✖
Ethernet LAN	✓
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth	✓

Ports & interfaces

USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
Combo headphone/mic port	✓

Keyboard

Pointing device	Touchpad
Numeric keypad *	✓
Keyboard backlit	✓
Keyboard backlit colour	White

Memory

Internal memory type	DDR5-SDRAM

Storage

Total storage capacity *	512 GB
Storage media *	SSD
Total SSDs capacity	512 GB
Number of SSDs installed	1
SSD capacity	512 GB
SSD interface	PCI Express
NVMe	✔
SSD form factor	M.2
Optical drive type *	✘

Graphics

Discrete graphics card model *	NVIDIA GeForce RTX 3050
Discrete graphics card memory	6 GB

Software

Operating system architecture	64-bit
Operating system installed *	Windows 11 Home

Battery

Battery technology	Lithium Polymer (LiPo)
Battery capacity *	57 Wh
Battery life (max)	8 h

Power

AC adapter power	135 W

Security

Fingerprint reader	✔

Weight & dimensions

Width	362.3 mm
Depth	239.9 mm
Height	26.9 mm
Weight *	2.11 kg

Packaging content

Cables included	AC

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