



Home / Computers / Laptops / Acer Nitro ANV15-51-50N9 Core™ i5-13420H 512GB SSD 16GB 15.6" (1920x1080) 144Hz WIN11 NVIDIA® GeForce RTX™ 4050 6144MB BLACK Backlit Keyboard



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**\$950**

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**About this product**SKU# NH.QNBSA.001 | Item# 420143  
Warranty: 1 Year Manufacturer WarrantyCondition: New  
Packaging: Retail BoxNotes: US Keyboard/AU Plug /US Adapter Included  
Minimum order quantity (MOQ): 20

Images and specifications are for reference only

Usually ships within 7-10 business days

Special order item, not eligible for return/cancellation except for [More info](#)

Category: Laptops

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Additional information Specifications

|   |  |
|---|--|
| Product type                                    | Laptop   |
| Product color                                   | Black  |
| Form factor                                     | Clamshell  |
| Market positioning                              | Gaming   |
| Display diagonal                                | 15.6"  |
| Display resolution                              | 1920 x 1080 pixels   |
| Touchscreen                                     | No   |
| HD type   | Full HD  |
| Panel type                                      | IPS  |
| LED backlight                                   | Yes  |
| Native aspect ratio                             | 16:9   |
| Maximum refresh rate                            | 144 Hz   |
| Processor family                                | Intel® Core™ i5  |
| Processor manufacturer                          | Intel  |
| Processor model                                 | i5-12450H  |
| Processor generation                            | 12th gen Intel® Core™ i5   |
| Processor boost frequency                       | 4.4 GHz  |
| Efficient-core Max Turbo Frequency              | 3.3 GHz  |
| Performance-core Max Turbo Frequency            | 4.4 GHz  |
| Processor cores                                 | 8  |
| Performance cores                               | 4  |
| Efficient cores                                 | 4  |
| Processor cache                                 | 12 MB  |
| Processor cache type                            | Smart Cache  |
| Processor base power                            | 45 W   |
| Maximum turbo power                             | 95 W   |
| Internal memory                                 | 16 GB  |
| Internal memory type                            | DDR5-SDRAM   |
| Total storage capacity                          | 512 GB   |
| Storage media                                   | SSD  |
| Optical drive type                              | No   |
| Total SSDs capacity                             | 512 GB   |
| Number of SSDs installed                        | 1  |
| SSD capacity                                    | 512 GB   |
| On-board graphics card                          | Yes  |
| Discrete graphics card                          | Yes  |
| Discrete graphics card model                    | NVIDIA GeForce RTX 2050  |
| On-board graphics card model                    | Intel® UHD Graphics  |
| Discrete GPU manufacturer                       | NVIDIA   |
| On-board graphics card family                   | Intel® UHD Graphics  |
| Discrete graphics card memory                   | 4 GB   |
| Discrete graphics memory type                   | GDDR6  |
| Number of built-in speakers                     | 2  |
| Built-in microphone                             | Yes  |
| Front camera                                    | Yes  |
| Front camera resolution                         | 1280 x 720 pixels  |
| Front camera HD type                            | HD   |
| Mobile network connection                       | No   |
| Top Wi-Fi standard                              | Wi-Fi 6 (802.11ax)   |
| Wi-Fi standards                                 | 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax) |
| Ethernet LAN                                    | Yes  |
| Ethernet LAN data rates                         | 10,100,1000 Mbit/s   |
| Bluetooth                                       | Yes  |
| Bluetooth version                               | 5.1  |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity | 3  |
| HDMI ports quantity                             | 1  |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity | 1  |
| Ethernet LAN (RJ-45) ports                      | 1  |
| Combo headphone/mic port                        | Yes  |
| Numeric keypad                                  | Yes  |
| Pointing device                                 | Touchpad   |
| Keyboard backlight                              | Yes  |
| Operating system installed                      | Windows 11 Home  |
| Operating system architecture                   | 64-bit   |
| Battery capacity                                | 57 Wh  |
| Battery technology                              | Lithium-Ion (Li-Ion)   |
| Number of battery cells                         | 3  |
| AC adapter power                                | 135 W  |
| Fingerprint reader                              | Yes  |
| Trusted Platform Module (TPM)                   | Yes  |
| Password protection                             | Yes  |
| Password protection type                        | BIOS, HDD, Supervisor, User  |
| Weight  | 4.63 lbs (2.1 kg)  |