



# Acer Nitro V 15

ANV15-52-590G



- Processor: Intel® Core™ 5 processor 210H
- Display: 15.6" Full-HD IPS 165 Hz (non-glare)
- Memory: 16 GB DDR 4 RAM
- Mass storage: 512 GB SSD
- Graphics card: NVIDIA® GeForce RTX™ 5060
- Operating system: Linux (eShell)

**165**<sub>Hz</sub>



**IPS**  
In-Plane Switching





Acer ANV15-52-590G

SPECIFICATIONS



Ordering Information

|                   |                                                                                                                                                                   |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Series            | Acer Nitro V 15                                                                                                                                                   |
| Model             | ANV15-52-590G                                                                                                                                                     |
| Article number    | NH.QZ8EX.01A                                                                                                                                                      |
| EAN               | 4711474857866                                                                                                                                                     |
| Short description | 15.6" Full-HD IPS 165 Hz (non-glare) / Intel® Core™ 5 processor 210H / 16 GB DDR 4 RAM / 512 GB SSD / NVIDIA® GeForce RTX™ 5060 / Linux (eShell) / Obsidian Black |

Operating System

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

Housing

|                            |                                      |
|----------------------------|--------------------------------------|
| Housing colour             | Obsidian Black                       |
| Component door             | -                                    |
| Dimensions                 | 362.3 x 239.89 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                  | Intel® Core™ 5 processor 210H                                 |
| Clock frequency            | 2.2 GHz base clock (Up to 4.8 GHz max. performance frequency) |
| Cache                      | 12 MB Intel® Smart Cache                                      |
| Processing cores / threads | 4 Performance-cores + 4 Efficient-cores / 11 Threads          |
| NPU                        | -                                                             |

Storage and drives

|                      |                                        |
|----------------------|----------------------------------------|
| Memory               | 16 GB DDR 4 RAM                        |
| Memory configuration | 1 x 16 GB DDR 4 RAM                    |
| Maximum RAM          | Up to 32 GB DDR5 RAM (2x 16 GB soDIMM) |
| Mass storage         | 512 GB SSD                             |

Graphics card

|                                |                           |
|--------------------------------|---------------------------|
| Graphics card                  | NVIDIA® GeForce RTX™ 5060 |
| Graphics card memory dedicated | 8GB GDDR7 VRAM            |

Connections

|                         |                                                                  |
|-------------------------|------------------------------------------------------------------|
| LAN                     | Killer™ Ethernet E2600                                           |
| Wireless LAN            | Dual Band (2.4 GHz and 5 GHz) (802.11a/b/g/n/ac+ax wireless LAN) |
| Wireless WAN / SIM-Card | -                                                                |
| Wireless Gigabit        | -                                                                |
| Bluetooth               | Bluetooth® 5.2                                                   |
| NFC                     | -                                                                |

I/O ports

|                    |                                                                                     |
|--------------------|-------------------------------------------------------------------------------------|
| HDMI               | 1x HDMI® 2.1                                                                        |
| Displayport        | via USB Type-C                                                                      |
| Thunderbolt        | 1x Thunderbolt™ 4 (via USB Type-C)                                                  |
| USB 3.2            | 4x (1x Type-C Gen 2, 3x Type-A Gen 1 (1x with Power-Off USB Charging))              |
| USB 3.1            | -                                                                                   |
| USB 3.0            | -                                                                                   |
| USB 2.0            | -                                                                                   |
| USB 4.0            | -                                                                                   |
| USB Power Delivery | -                                                                                   |
| 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         | Acer FineTip keyboard (99-/100-/103-keys)                           |
| Keyboard layout  | US International (QWERTY)                                           |
| Backlit keyboard | Yes                                                                 |
| Touchpad         | Multi-Gesture TouchPad (Microsoft Precision Touchpad certification) |

Security

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



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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     | HD Webcam                                                                                                     |

Battery and power adapter

|                        |                                                      |
|------------------------|------------------------------------------------------|
| Battery                | Li-Ion battery (4 cells / 76 Wh)                     |
| Battery lifetime       | Up to 8 hours (based on video playback test results) |
| Power adapter          | 135W power adapter (50% PCR-plastic)                 |
| Battery built in       | -                                                    |
| Minimum charging power | -                                                    |
| Maximum charging power | -                                                    |

Software

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

Special features

|                  |   |
|------------------|---|
| Special features | - |
|------------------|---|

Warranty

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

Logistics

|                            |                                               |
|----------------------------|-----------------------------------------------|
| Quantity per layer         | 26                                            |
| Quantity per europallet    | 78                                            |
| Quantity per tower         | 156                                           |
| Quantity per container     | 1716                                          |
| Carton dimensions / weight | 498,0 x 310,0 x 65,0 mm (Ø x T x H) / 3.26 kg |