



# Acer Nitro V 16 AI

(ANV16-42-R1E2)



- Processor: AMD Ryzen™ 7 260
- Display: Acer ComfyView™ WQXGA 180Hz IPS Display
- Memory: 16 GB DDR5 RAM
- Mass storage: 1,000 GB PCIe Gen4 SSD
- Graphics card: NVIDIA® GeForce RTX™ 5060
- Operating system: Windows 11 Home (64 Bit)





## Acer ANV16-42-R1E2

## SPECIFICATIONS



### Ordering Information

|                   |                                                                                                                                                                           |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Series            | Acer Nitro V 16 AI                                                                                                                                                        |
| Model name        | ANV16-42-R1E2                                                                                                                                                             |
| Part number       | NH.QYXEG.004                                                                                                                                                              |
| EAN               | 4711474558442                                                                                                                                                             |
| Short description | Acer ComfyView™ WQXGA 180Hz IPS Display / AMD Ryzen™ 7 260 / 16 GB DDR5 RAM / 1.000 GB PCIe Gen4 SSD / NVIDIA® GeForce RTX™ 5060 / Windows 11 Home (64 Bit) / Shale Black |

### Operating System

|                  |                          |
|------------------|--------------------------|
| Operating System | Windows 11 Home (64 Bit) |
|------------------|--------------------------|

### Housing

|                            |                                        |
|----------------------------|----------------------------------------|
| Housing / Color            | Shale Black                            |
| Component door             | -                                      |
| Dimensions                 | 360.04 x 275.62 x 24.50 mm (W x D x H) |
| Weight                     | 2.44 kg                                |
| Passively cooled (fanless) | -                                      |

### Display

|                             |                                                               |
|-----------------------------|---------------------------------------------------------------|
| Display size                | 16 inches (40.64 cm)                                          |
| Display type                | Acer ComfyView™ WQXGA 180Hz IPS Display with 100% sRGB (matt) |
| Display resolution in pixel | 2.560 x 1.600                                                 |
| Aspect ratio                | 16:10                                                         |

### Processor

|                            |                                                                |
|----------------------------|----------------------------------------------------------------|
| Processor                  | AMD Ryzen™ 7 260 processor                                     |
| Clock frequency            | 3.8 GHz base clock (Up to 5.1 GHz max. performance clock rate) |
| Cache                      | 16MB                                                           |
| Processing cores / threads | 8 / 16                                                         |
| NPU                        | AMD Ryzen™ AI (bis zu 16 TOPS)                                 |

### Storage and drives

|                      |                                                 |
|----------------------|-------------------------------------------------|
| Memory               | 16 GB DDR5 RAM                                  |
| Memory configuration | 1 x 16 GB DDR5 RAM                              |
| Maximum RAM          | Up to 32 GB DDR5 RAM (2x 16 GB soDIMM)          |
| Mass storage         | 1.000 GB PCIe Gen4 NVMe Solid-State-Drive (SSD) |

### Graphics card

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

### Connections

|                         |                        |
|-------------------------|------------------------|
| LAN                     | Killer™ Ethernet E2600 |
| Wireless LAN            | Wi-Fi 6E (802.11 ax)   |
| Wireless WAN / SIM-Card | -                      |
| Wireless Gigabit        | -                      |
| Bluetooth               | Bluetooth® 5.3         |
| NFC                     | -                      |

### I/O ports

|                   |                                                                                     |
|-------------------|-------------------------------------------------------------------------------------|
| HDMI              | 1x HDMI® 2.1                                                                        |
| Displayport       | via USB Type-C                                                                      |
| Thunderbolt       | -                                                                                   |
| USB 3.2           | 3x (2x Type-A Gen 2 (1x with Power-Off USB Charging), 1x Type-A Gen 1)              |
| USB 3.1           | -                                                                                   |
| USB 3.0           | -                                                                                   |
| USB 2.0           | -                                                                                   |
| USB 4.0           | 1x (Type-C)                                                                         |
| Ethernet (RJ-45)  | Ja                                                                                  |
| Cardreader        | MicroSD 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 with numpad (103-/104-/107-keys)              |
| Keyboard layout  | German (QWERTZ)                                                     |
| Backlit keyboard | Yes (amber)                                                         |
| Touchpad         | Multi-Gesture TouchPad (Microsoft Precision Touchpad certification) |

### Security

|                    |     |
|--------------------|-----|
| Fingerprint sensor | -   |
| Kensington Lock    | Yes |
| Security software  | -   |



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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 | three built-in microphones                                                                                   |
| Webcam     | HD Webcam                                                                                                    |

Battery and power adapter

|                  |                                                        |
|------------------|--------------------------------------------------------|
| Battery          | Li-Ion battery (4 cells / 76 Wh)                       |
| Battery lifetime | Up to 7.5 hours (based on video playback test results) |
| Power adapter    | 135W power adapter (50% PCR-plastic)                   |
| Battery built in | -                                                      |

Software

|                |                                                                                         |
|----------------|-----------------------------------------------------------------------------------------|
| Office         | 1 month trial for new Microsoft 365 customers. 3 months Game-pass. Credit card required |
| Other software | NitroSense, Planet9, Acer LiveArt                                                       |

Special features

|                  |          |
|------------------|----------|
| Special features | AI ready |
|------------------|----------|

Warranty

|          |                               |
|----------|-------------------------------|
| Warranty | 2-year mail-in/return service |
|----------|-------------------------------|

Logistics

|                            |                                              |
|----------------------------|----------------------------------------------|
| Quantity per layer         | 24                                           |
| Quantity per europallet    | 72                                           |
| Quantity per tower         | 144                                          |
| Quantity per container     | 1584                                         |
| Carton dimensions / weight | 528.0 x 316.0 x 70.0 mm (W x D x H) / 3.7 kg |

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