



**Acer Nitro 18 AI AMD AN18-61-R1H6 AMD Ryzen AI 7 PRO 350 Laptop 45.7 cm (18") WQXGA 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 5070 Ti Wi-Fi 6E (802.11ax) Windows 11 Home Black QWERTZ German**



**Brand :** Acer

**Product family:** Nitro

**Product code:** NH.QYCEG.003

**Product name :** AN18-61-R1H6

- Windows 11 Home 64-bit  
- AMD Ryzen AI 7 PRO 350 (3.5GHz)  
- 45.7 cm (18") WQXGA 2560 x 1600 IPS, NVIDIA GeForce RTX 5070 Ti (12GB GDDR7)  
- 32GB DDR5-SDRAM (2 x 16) & 1000GB SSD  
AMD Ryzen AI 7 PRO 350 (3.5GHz), 32GB DDR5-SDRAM, 1000GB SSD, 45.7 cm (18") WQXGA 2560 x 1600 IPS, AMD Radeon 860M, NVIDIA GeForce RTX 5070 Ti (12GB GDDR7), LAN, WLAN, Webcam, Windows 11 Home 64-bit  
Acer Nitro 18 AI AMD AN18-61-R1H6. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen AI 7 PRO, Processor model: 350, Processor frequency: 3.5 GHz. Display diagonal: 45.7 cm (18"), HD type: WQXGA, Display resolution: 2560 x 1600 pixels. Internal memory: 32 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: AMD Radeon 860M. Operating system installed: Windows 11 Home. Product colour: Black

| Design                            |                             | Audio                                           |                     |
|-----------------------------------|-----------------------------|-------------------------------------------------|---------------------|
| Product type *                    | Laptop                      | Number of built-in speakers                     | 2                   |
| Product colour *                  | Black                       | Built-in microphone                             | ✓                   |
| Form factor *                     | Clamshell                   | Number of microphones                           | 3                   |
| Market positioning                | Gaming                      | Camera                                          |                     |
| Display                           |                             | Front camera                                    | ✓                   |
| Display diagonal *                | 45.7 cm (18")               | Front camera resolution                         | 1920 x 1080 pixels  |
| Display resolution *              | 2560 x 1600 pixels          | Front camera HD type                            | Full HD             |
| Touchscreen *                     | ✗                           | Network                                         |                     |
| HD type                           | WQXGA                       | Top Wi-Fi standard *                            | Wi-Fi 6E (802.11ax) |
| Panel type                        | IPS                         | Wi-Fi standards                                 | Wi-Fi 6E (802.11ax) |
| Display technology marketing name | ComfyView                   | Mobile network connection *                     | ✗                   |
| LED backlight                     | ✓                           | Antenna type                                    | 2x2                 |
| Native aspect ratio               | 16:10                       | Ethernet LAN                                    | ✓                   |
| Display surface                   | Matt                        | Ethernet LAN data rates                         | 10,100,1000 Mbit/s  |
| Processor                         |                             | Bluetooth                                       | ✓                   |
| Processor manufacturer *          | AMD                         | Bluetooth version                               | 5.3                 |
| Processor family *                | AMD Ryzen AI 7 PRO          | Ports & interfaces                              |                     |
| Processor generation              | AMD Ryzen AI PRO 300 Series | USB 2.0 ports quantity *                        | 1                   |
| Processor model *                 | 350                         | USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity | 2                   |
| Processor cores                   | 8                           | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity | 2                   |
| Processor threads                 | 16                          | Ethernet LAN (RJ-45) ports                      | 1                   |
| Processor boost frequency         | 5 GHz                       | HDMI ports quantity *                           | 1                   |
| Processor frequency *             | 3.5 GHz                     | HDMI version                                    | 2.1                 |
| L3 cache                          | 16 MB                       | Intel® Thunderbolt 4                            | ✓                   |
| L2 cache                          | 8 MB                        | Combo headphone/mic port                        | ✓                   |
| Neural processor unit (NPU)       |                             | USB Type-C DisplayPort Alternate Mode           | ✓                   |
| Neural processor unit (NPU)       | AMD Ryzen AI                | Keyboard                                        |                     |
| Total processor performance up to | 66 TOPs                     | Pointing device                                 | Touchpad            |
| NPU performance up to             | 50 TOPs                     | Numeric keypad *                                | ✓                   |
| Memory                            |                             |                                                 |                     |
| Internal memory *                 | 32 GB                       |                                                 |                     |
| Internal memory type              | DDR5-SDRAM                  |                                                 |                     |

| Memory                         |                            | Keyboard                      |                      |
|--------------------------------|----------------------------|-------------------------------|----------------------|
| Memory form factor             | SO-DIMM                    | Keyboard backlit              | ✓                    |
| Memory layout (slots x size)   | 2 x 16 GB                  | Keyboard backlit colour       | RGB                  |
| Memory slots                   | 2x SO-DIMM                 | Keyboard backlit zone         | 4-zone RGB           |
| Maximum internal memory *      | 32 GB                      | Keyboard layout               | QWERTZ               |
| Storage                        |                            | Keyboard language             | German               |
| Total storage capacity *       | 1 TB                       | Software                      |                      |
| Storage media *                | SSD                        | Operating system architecture | 64-bit               |
| Total SSDs capacity            | 1 TB                       | Operating system installed *  | Windows 11 Home      |
| Number of SSDs installed       | 1                          | Battery                       |                      |
| SSD capacity                   | 1 TB                       | Battery technology            | Lithium-Ion (Li-Ion) |
| SSD interface                  | PCI Express 4.0            | Number of battery cells       | 4                    |
| NVMe                           | ✓                          | Battery capacity *            | 90 Wh                |
| SSD form factor                | M.2                        | Battery life (max)            | 8 h                  |
| Optical drive type *           | ✗                          | Power                         |                      |
| Card reader integrated         | ✓                          | AC adapter power              | 230 W                |
| Compatible memory cards        | MicroSD (TransFlash)       | USB Type-C charging port *    | ✓                    |
| Graphics                       |                            | USB Power Delivery (USB PD)   | ✓                    |
| Discrete GPU manufacturer      | NVIDIA                     | Security                      |                      |
| Discrete graphics card model * | NVIDIA GeForce RTX 5070 Ti | Cable lock slot               | ✓                    |
| Discrete graphics card memory  | 12 GB                      | Cable lock slot type          | Kensington           |
| Discrete graphics memory type  | GDDR7                      | Trusted Platform Module (TPM) | ✓                    |
| On-board graphics card *       | ✓                          | Weight & dimensions           |                      |
| Discrete graphics card *       | ✓                          | Width                         | 400.9 mm             |
| On-board graphics card model * | AMD Radeon 860M            | Depth                         | 310.3 mm             |
| Audio                          |                            | Height                        | 25.4 mm              |
| Audio system                   | DTS:X Ultra                | Weight *                      | 3.02 kg              |
| Packaging content              |                            |                               |                      |
|                                |                            | AC adapter included *         | ✓                    |



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### Catalog Object Cloud



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