



# Acer Nitro 18 AI AN18-61 - AMD Ryzen AI 7 350, 16GB, 1TB SSD, NVIDIA GeForce RTX 5070Ti, 18"WQXGA, Windows 11 Gaming Laptop

Brand : Acer      Product family: Nitro      Product code: NH.QYCEK.003

**Product name :** Acer Nitro 18 AI AN18-61 - AMD Ryzen AI 7 350, 16GB, 1TB SSD, NVIDIA GeForce RTX 5070Ti, 18"WQXGA, Windows 11 Gaming Laptop

- AMD Ryzen AI 7 350 Processor
  - 16GB DDR5 Memory
  - 1TB SSD Storage
  - 18" WQXGA Display
  - NVIDIA GeForce RTX 5070 Ti Graphics Card
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Acer Nitro 18 AI AN18-61 - AMD Ryzen AI 7 350, 16GB, 1TB SSD, NVIDIA GeForce RTX 5070Ti, 18"WQXGA, Windows 11 Gaming Laptop:

Get ready to dominate the competition with the perfect blend of AI power, performance, and visual excellence. Powered by an AMD Ryzen AI 7 350 processor and NVIDIA GeForce RTX 5070Ti graphics, this laptop delivers smooth, lag-free gameplay that puts you right in the heart of the action. With its expansive 18-inch screen, every detail comes to life, elevating your gaming experience to new heights.



| Design                            |                    | Camera  |   |
|-----------------------------------|--------------------|---|---|
| Product type *                    | Laptop             | Front camera                                    | ✓   |
| Product colour *                  | Black              | Front camera resolution                         | 1920 x 1080 pixels  |
| Form factor *                     | Clamshell          | Front camera HD type                            | Full HD   |
| Market positioning                | Gaming             | Infrared (IR) camera                            | ✓   |
| Display                           |                    | Network   |   |
| Display diagonal *                | 45.7 cm (18")      | Top Wi-Fi standard *                            | Wi-Fi 6E (802.11ax)   |
| Display resolution *              | 2560 x 1600 pixels | Wi-Fi standards                                 | 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 6E (802.11ax) |
| Touchscreen *                     | ✗                  | Wi-Fi band                                      | Tri-band (2.4 GHz / 5 GHz / 6 GHz)  |
| HD type                           | WQXGA              | Ethernet LAN                                    | ✓   |
| Panel type                        | IPS                | Bluetooth                                       | ✓   |
| Display technology marketing name | ComfyView          | Bluetooth version                               | 5.4   |
| LED backlight                     | ✓                  | MIMO  | ✓   |
| Native aspect ratio               | 16:10              | MIMO type                                       | Multi User MIMO   |
| Display surface                   | Matt               | Ports & interfaces                              |   |
| Display brightness                | 300 cd/m²          | USB 2.0 ports quantity *                        | 1   |
| RGB colour space                  | DCI-P3             | USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity | 2   |
| Colour gamut                      | 100%               | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity | 1   |
| Maximum refresh rate              | 165 Hz             | USB4 Gen 3x2 ports quantity                     | 1   |
| Processor                         |                    | Ethernet LAN (RJ-45) ports                      | 1   |
| Processor manufacturer *          | AMD                | HDMI ports quantity *                           | 1   |
| Processor family *                | AMD Ryzen AI 7     | HDMI version                                    | 2.1   |
| Processor model *                 | 350                | Combo headphone/mic port                        | ✓   |
| Processor cores                   | 8                  | Keyboard  |   |
| Processor threads                 | 16                 | Pointing device                                 | Touchpad  |
| Processor boost frequency         | 5 GHz              |   |   |
| Processor frequency *             | 2 GHz              |   |   |

| Neural processor unit (NPU)    |                            | Keyboard                      |                        |
|--------------------------------|----------------------------|-------------------------------|------------------------|
| Neural processor unit (NPU)    | AMD Ryzen AI               | Numeric keypad *              | ✓                      |
| NPU performance up to          | 50 TOPs                    | Keyboard backlit              | ✓                      |
| Memory                         |                            | Keyboard backlit colour       | RGB                    |
| Internal memory *              | 16 GB                      | Keyboard backlit zone         | 4-zone RGB             |
| Internal memory type           | DDR5-SDRAM                 | Copilot key                   | ✓                      |
| Storage                        |                            | Software                      |                        |
| Total storage capacity *       | 1 TB                       | Operating system installed *  | Windows 11 Home        |
| Storage media *                | SSD                        | Battery                       |                        |
| SSD interface                  | PCI Express 4.0            | Battery technology            | Lithium-Ion (Li-Ion)   |
| NVMe                           | ✓                          | Number of battery cells       | 4                      |
| SSD form factor                | M.2                        | Battery capacity *            | 90 Wh                  |
| Card reader integrated         | ✓                          | Battery life (max)            | 8 h                    |
| Compatible memory cards        | MicroSD (TransFlash)       | Power                         |                        |
| Graphics                       |                            | AC adapter power              | 230 W                  |
| 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) | ✓                      |
| Discrete graphics card *       | ✓                          | Password protection           | ✓                      |
| NVIDIA G-SYNC                  | ✓                          | Password protection type      | BIOS, Supervisor, User |
| CUDA                           | ✓                          | Weight & dimensions           |                        |
| CUDA cores                     | 5888                       | Width                         | 400.9 mm               |
| Audio                          |                            | Depth                         | 310.3 mm               |
| Audio system                   | DTS:X Ultra                | Height                        | 25 mm                  |
| Number of built-in speakers    | 2                          | Weight *                      | 3.02 kg                |
| Built-in microphone            | ✓                          | Packaging content             |                        |
|                                |                            | Mouse included                | ✗                      |
|                                |                            | AC adapter included *         | ✓                      |



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