Part No.: 250268
Vendor Part No.: ALL-NAS355

# ALLNET Mini PC NAS-N355, Windows 11 Pro pre-installed, 16GB Ram, 256GB SSD, Wifi 7, 2x USB 3.2, 2xHD out, 4x M.2 NVME

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## ALLNET ALL-NAS355 – industrial PC with Intel® N355 chipset

### Product overview

The ALL-NAS355 is a compact, powerful industrial mini PC based on the Intel® N355 processor. The device is designed for industrial network security, control and automation applications and offers high computing power with low energy consumption. Thanks to its robust aluminium housing and passive cooling, the PC is particularly suitable for 24/7 use in demanding environments.

## IMPORTANT: This computer comes with Windows 11 Pro preinstalled. A license is not included!
## The password for initial setup: Username: N355 Password: welcome

### Technical data

| Feature | Description |
|---|---|
| Model | ALL-NAS355 |
| Processor (CPU) | Intel® N355 Quad-Core |
| Clock frequency | Up to 3.5 GHz, 6 MB cache |
| Working memory | 1× SO-DIMM DDR5 4800 MHz, max. 48 GB |


Errors and technical changes that serve the interests of progress or development of the product, are reserved.

| | |
|---|---|
| Graphics | Intel® UHD graphics with up to 32 EUs |
| Memory | 1× M.2 2280 NVMe PCIe 3.0 x1 |
| Network | 2× Intel® i226-V 2.5 Gbit LAN |
| Video output | 2× HDMI 2.0 (4K 4096×2160 @ 60 Hz) |
| USB ports | 2× USB 3.2 Gen 2 (10 Gbps) / 2× USB 2.0 header |
| Interfaces (internal) | 1× 10-pin GPIO (4 inputs/4 outputs), 2× CPU-Lüfter (4-pin), 1× COM-Header, 1× Auto-Power-On Jumper |
| Wireless | M.2 E Key Wi-Fi slot (Wi-Fi 6/7, Bluetooth 5.4 optional) |
| Cooling | Copper heatpipe + aluminium profile with 7010 PWM-controlled fan |
| BIOS | AMI BIOS, supports PXE boot, WOL, auto power-on, GPIO configuration |
| Supply voltage | DC-IN 12 V |
| House material | Aluminium alloy, CNC precision machined |
| Colour | Black or olive green |
| Dimensions | 100 × 100 × 58.5 mm |
| Weight | approx. 1.2 kg |
| Mounting options | Table top / wall mounting |
| Operating temperature | –10 °C to +70 °C |
| Humidity | 5 % – 90 % rH (non-condensing) |
| Power consumption | 6 – 15 W |

## Main features

- Compact, robust industrial design (fits in the palm of your hand)
- 4× M.2 NVMe interfaces via adapter card
- 2× Intel® 2.5 Gbit LAN for fast data transfer
- Supports 4K dual display (simultaneous or asynchronous)
- USB 3.2 Gen 2 for fast peripheral connections
- Low noise PWM fan control
- Expandable via M.2 Wi-Fi/Bluetooth module
- High precision thanks to CNC-milled aluminium housing

## Ports (front & back)

- 1× DC-IN 12 V
- 2× 2.5 Gbit LAN (Intel® i226-V)
- 2× HDMI 2.0
- 2× USB 3.2 Gen 2
- 1× power button



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- 1× M.2 2280 NVMe slot
- Internal headers: GPIO, COM, USB 2.0, SATA (12-pin non-standard)

## Cooling system

- Copper baffle with aluminium heat sink
- 7010 PWM-controlled fan
- NVMe quick-change cover with 70×70 mm fan holder

## Certifications & applications

• Complies with industrial safety standards
• Ideal for network security appliances, firewalls, edge computing, IoT gateways and automation systems

## Note

Technical data may be changed without prior notice. For the most up-to-date information, please visit the official website.



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