

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! Windows is pre-installed, but no license is included!

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

Cooling system



Part No.: 250268
Vendor Part No.: NAS-355

- 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.