

Nano-N1241

Intel® Alder Lake N100 Processor - **Network Security**



FEATURES

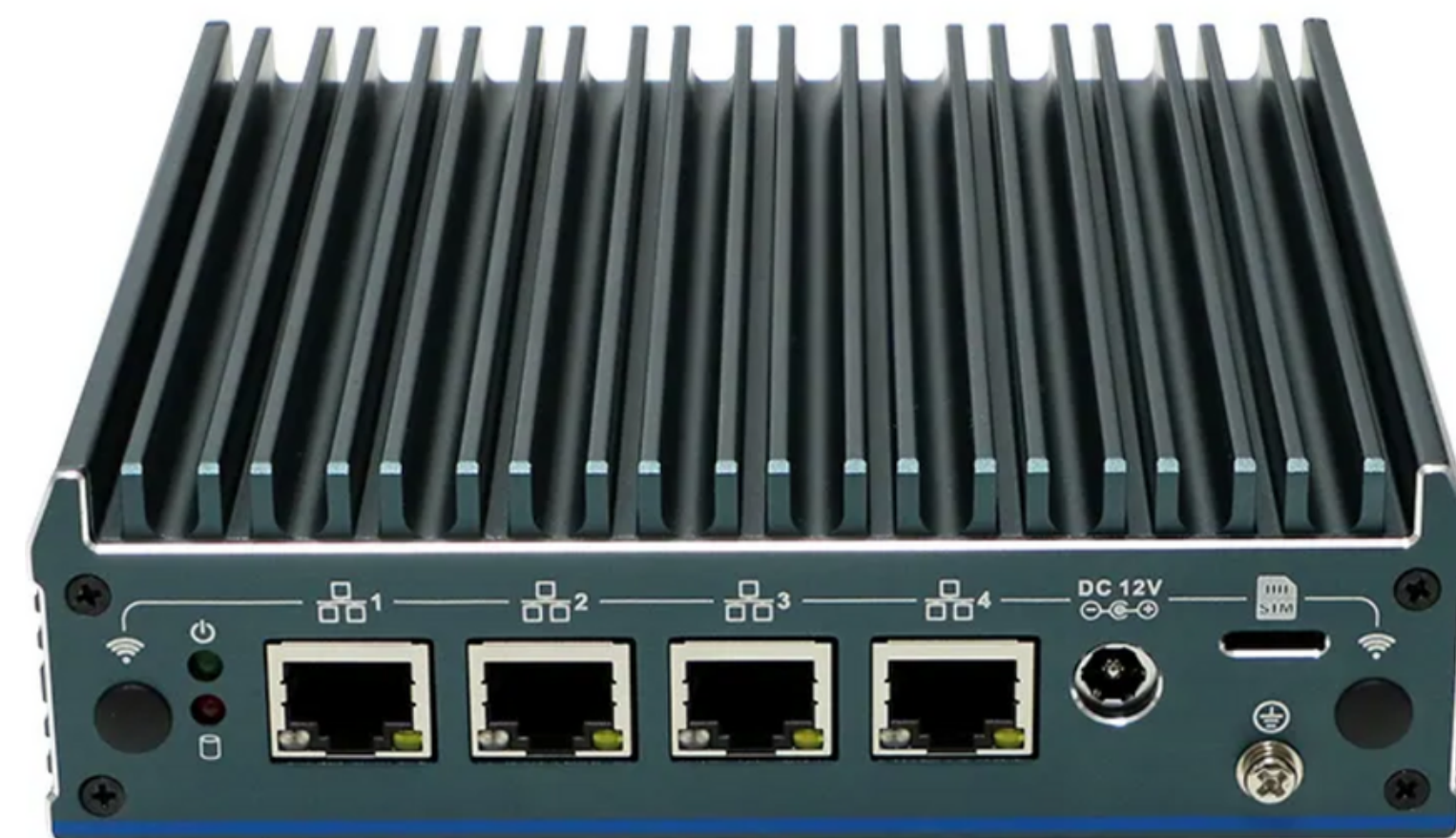
- Fanless Aluminum Design
- Intel® Alder Lake N100 Processor
- 4 × Intel i226-V 2.5G LAN Ports
- 3 × M.2 (support WiFi and 4G/5G)
- 1 × HDMI, 1 × DP

SPECIFICATION

SYSTEM		
Processor	Intel® Alder Lake N100 Processor (quad core four threads, Max. Turbo 3.4GHz)	
CPU Architecture	Alder Lake-N	
Memory	2 × DDR4 3200MHz SODIMM, Max. 16 GB	
BIOS	AMI UEFI BIOS	
Display Chip	Intel® UHD Graphics	
Display Port	1 × HDMI 1 × DP	Support synchronous/asynchronous 2 display Max. Resolution 4096x2160@60Hz
Storage	1 × M.2 2280 1 × 2.5-inch HDD/SSD	
Expansion	1 × M.2 2280 M-key (support SATA protocol) 1 × M.2 2230 E-key (support WiFi, Bluetooth) 1 × M.2 3052 B-key (USB 3.0 signal,support 4G/5G), outside SIM Card Slot	
OS Support	Windows 10, Windows 11, Linux, iKuai, pfSense	
Front I/O	1 × Power Button 1 × DP 1 × RJ45 COM Port (support console function) 3 × USB 2.0 1 × USB 3.1 1 × HDMI 1 × Restart Button	
Rear I/O	4 × RJ45 LAN Ports 1 × DC-In 1 × SIM Card Slot	
Ethernet	4 × Intel i226-V 2.5G LAN Ports	
Power	DC 12V	
Other Function	Power-on, timed power-on, network wake-up, PXE boot, watchdog (level 0-255), TPM2.0 security encryption	
Application	Firewall, VPN, Network Server, Network Security, Router etc.	
ENVIRONMENT		
Operating Temperature	0°C ~ 40°C (Commercial HDD), -20°C ~ 50°C (Industrial SSD), surface air flow	
Relative Humidity	0% ~ 95% (non-condensing)	
Certification	CE, CCC, FCC Class A, RoHS	
MECHANISM		
Dimension	144 × 136.7 × 42 mm	
Net Weight	0.79 kg	



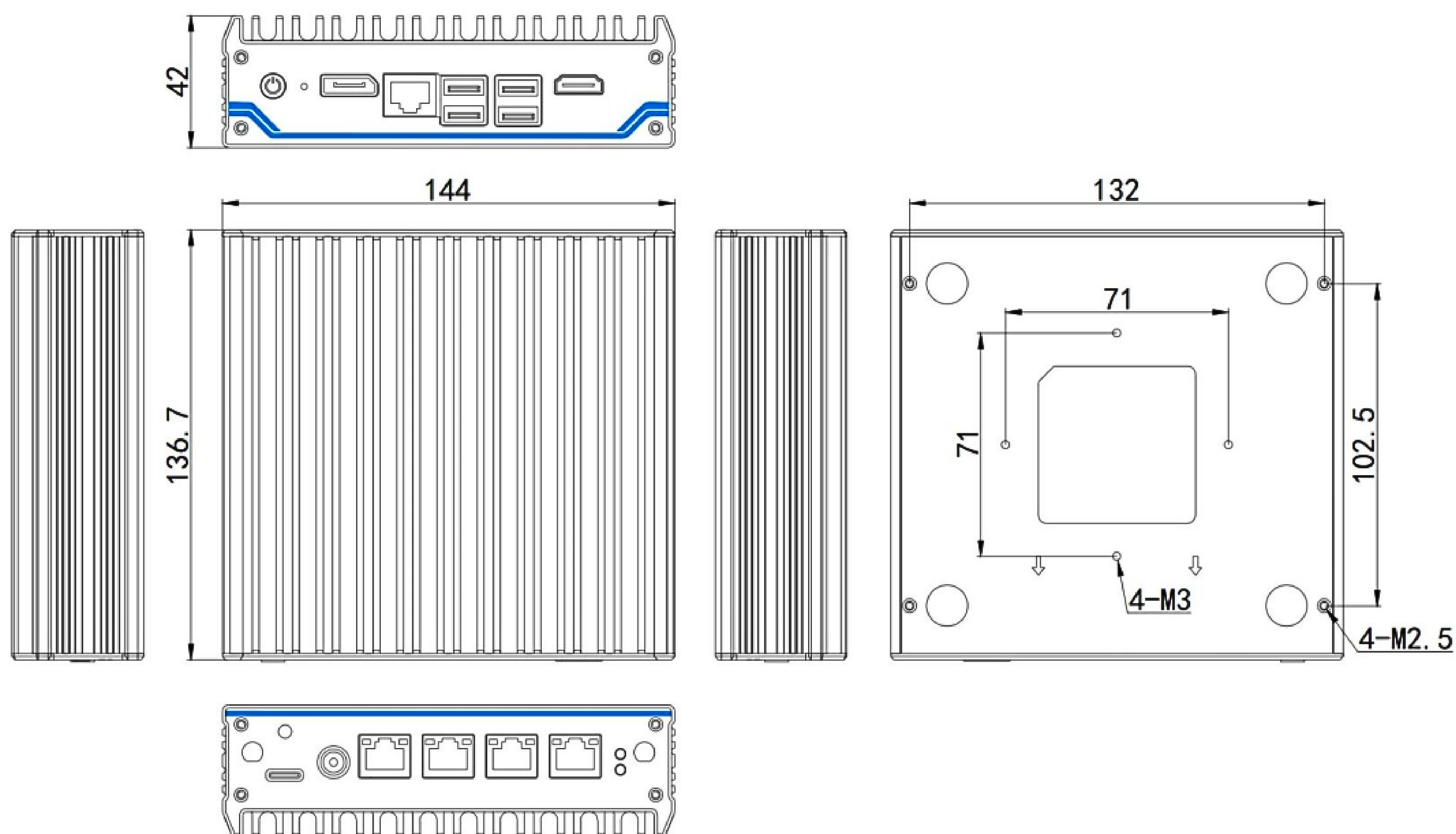
Front View



Rear View

DIMENSION

unit:mm



ORDER INFORMATION

Nano N1241	CPU	Specification
Configuration	Intel® Alder Lake N100	Standard I/O

ACCESSORY

Part Name	Quantity	Specification
Power Adapter	1	12V 3.3A / 12V 4A
Power Cord	1	CN, US, UK, EU etc.
VESA Bracket	1	Standard