

Nano N3161

12th Gen Core Processor Micro Soft Router



Features:

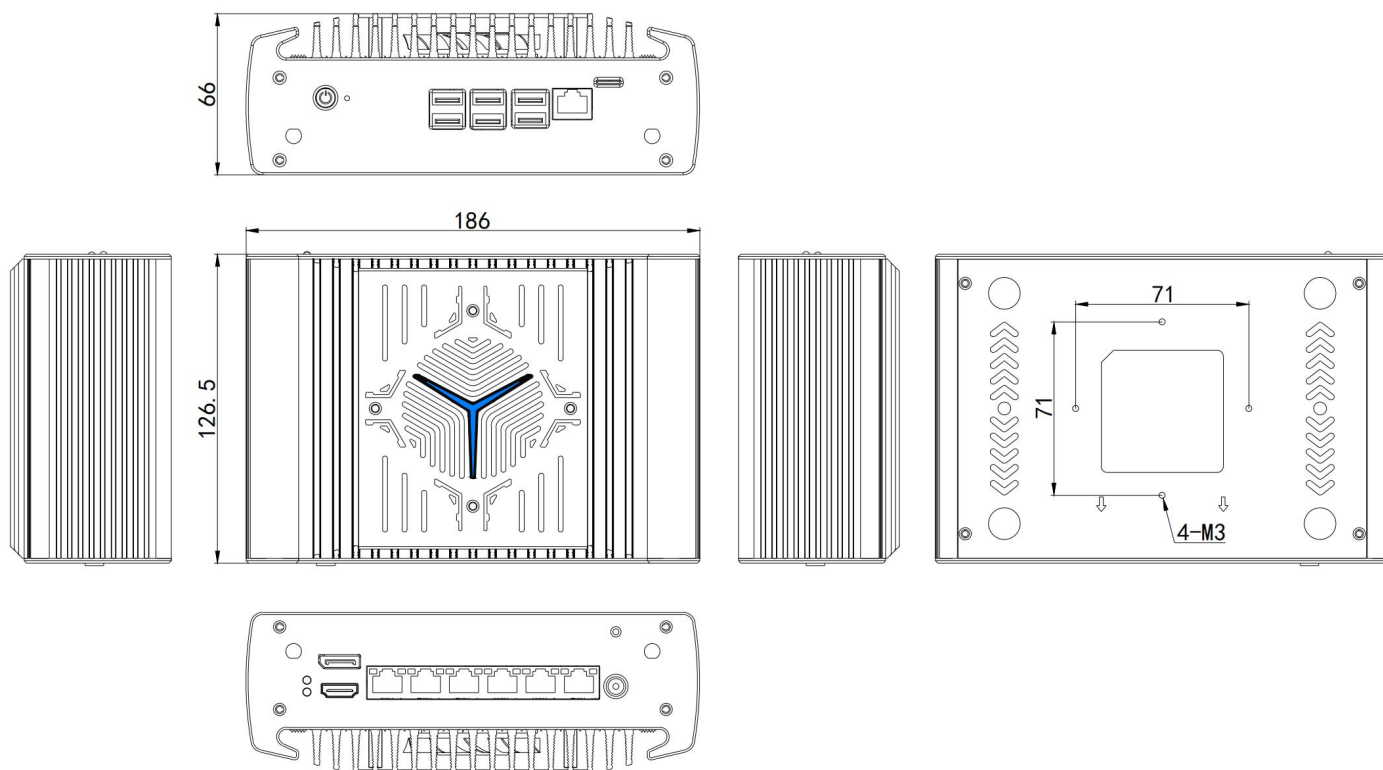
- ◇ All aluminum alloy structure;
- ◇ Onboard 12th Gen Intel® Core™ processor;
- ◇ Support 6 Intel i225-V 2.5G, optional 4 POE;
- ◇ Support 3 M.2 slots (can support WIFI + 4G/5G at the same time);
- ◇ Support 2 DDR4 memory slots, Max 64GB ;
- ◇ Support dual 4K HD display;
- ◇ Support TPM 2.0 security encryption;
- ◇ Applied O/S:



Specification

Model	Nano-N3161
Color	Metal gray (color can be customized freely)
Material	High-quality all-aluminum alloy
Processor	Intel Core i3-1215U (Six core Eight threads, Turbo frequency 4.4 GHz,TDP 15W) Intel Core i5-1235U (Ten core Twelve threads, Turbo frequency 4.4 GHz,TDP 15W) Intel Core i7-1255U (Ten core Twelve threads, Turbo frequency 4.7 GHz,TDP 15W)
RAM	Support 2 DDR4 3200 MHz SODIMM Ram slots, Max 64 GB
BIOS	AMI EFI BIOS
Display Chip	Intel Iris Xe Graphics
Display Port	1 DP , 1 HDMI (Support synchronous/asynchronous dual display, DP interface resolution up to 4096x2160 @ 60Hz)
Front I/O	1 Power Button, 1 Restart , 3 USB3.1, 3 USB2.0, 1 RJ45 COM (support Console function)
Rear I/O	1 DC , 6 RJ45 Lan , 1 DP(1.4a) , 1 HDMI(2.1)
Expansion	Support 1 M.2 2280 M-key slot (only supports NVME protocol) Support 1 M.2 3052 B-key slot (USB3.0 signal, support 4G/5G), external SIM card slot Support 1 M.2 2230 E-key slot (support WIFI6, BT5.0)
Network	6 Intel i225-V 2.5G Ethernet, Lan 1-4 optional 802.3af standard POE function
Storage	Support 1 M.2 2280 slot, 1 2.5-inch SSD/HDD
Input Voltage	Support DC 12V
Other Function	Auto power on when there is electricity, Timing boot, Wake on LAN, PXE boot, Watchdog (0~255 level)
Work Temp	0℃ ~ +50℃ (Commercial HDD), -20℃ ~ +50℃ ((Industrial SSD), Surface air flow
Work Humidity	0% ~ 95% non-condensing
Certificates	CE, CCC, FCC Class A, ROHS
Dimension	186 * 126.5 * 66 mm
Net Weight	1.3 kg
Application	Firewall, VPN, Network server, Network security, Router etc.

Nano N3161 Drawing



Accessory

Name	Quantity	Specification
Power Adapter	1	12V 7.5A
Power Cord	1	Any Plug Optional (China, US, EU, UK etc.)
VESA Bracket	1	Standard

Order Information

Configuration	Model	Processor	Network
Configuration 1	Nano N3161	Intel Core i3 1215U	Standard/2.5G lan
Configuration 2		Intel Core i5 1235U	Standard/2.5G lan
Configuration 3		Intel Core i7 1255U	Standard/2.5G lan

Remarks: 1. Since the 5G module requires four antennas, 2 WIFI holes on the panel need to be added to use WIFI and 5G at the same time;

2. The POE function needs to be equipped with a POE power supply module; please consult the pre-sales technical personnel for details.