

Nano-N1321

Intel® Alder Lake N100 Processor- MINI PC



FEATURES

- Fanless Aluminum Design
- Intel® Alder Lake N100 Processor
- 2 × Intel i226-V 2.5G LAN Ports
- Support SSD, WiFi, 4G at the same time
- 6 × USB
- Support synchronous / asynchronous 2 display, support 4K full HD, 2 × HDMI

SPECIFICATION

SYSTEM		
Processor	Intel® Alder Lake N100 Processor (quad core four threads, Max. Turbo 3.4GHz)	
CPU Architecture	Alder Lake-N	
Memory	1 × DDR4 3200MHz SODIMM, Max. 16 GB	
BIOS	AMI UEFI BIOS	
Display Chip	Intel® UHD Graphics	
Display Port	2 × HDMI	Support synchronous/asynchronous 2 display Max. Resolution support 4096x2160@60Hz
Storage	1 × M.2 2280 1 × 2.5-inch HDD/SSD	
Expansion	1 × M.2 2280 M-key (support SATA, PCIe3.0 ×1 NVME) 1 × M.2 2230 E-key (WiFi, Bluetooth) 1 × Mini PCIe (USB 2.0 signal, 3G/4G optional), external SIM Card Slot Expansion Port (standard configuration doesn't include): 8-way GPIO	
OS Support	Windows 10, Windows 11, Linux	
Front I/O	1 × Power Button 3 × USB 3.1 1 × USB 2.0 2 × RS232 COM Ports	
Rear I/O	1 × DC-In 2 × HDMI 2 × USB2.0 2 × RJ45 LAN Ports 1 × Mic, Audio 1 × SIM Card Slot	
Ethernet	2 × Intel i226-V 2.5G LAN Ports	
Power	DC 12V	
Other Function	Power-on, timed startup, network wake up, PXE startup, watchdog (level 0-255), TPM2.0 security encryption	
Application	Industrial control, Industrial automation, robotics, IoT, edge computing, machine vision, AGV/AMR, etc.	
ENVIRONMENT		
Operating Temperature	0℃ ～ 40℃（Commercial HDD）, 0℃ ～ 60℃（Industrial SSD）, surface air flow	
Relative Humidity	0% ～ 95% (non-condensing)	
Certification	CE, CCC, FCC Class A, RoHS	
MECHANISM		
Dimension	150 × 126.5 × 45 mm	
Net Weight	0.84 kg	



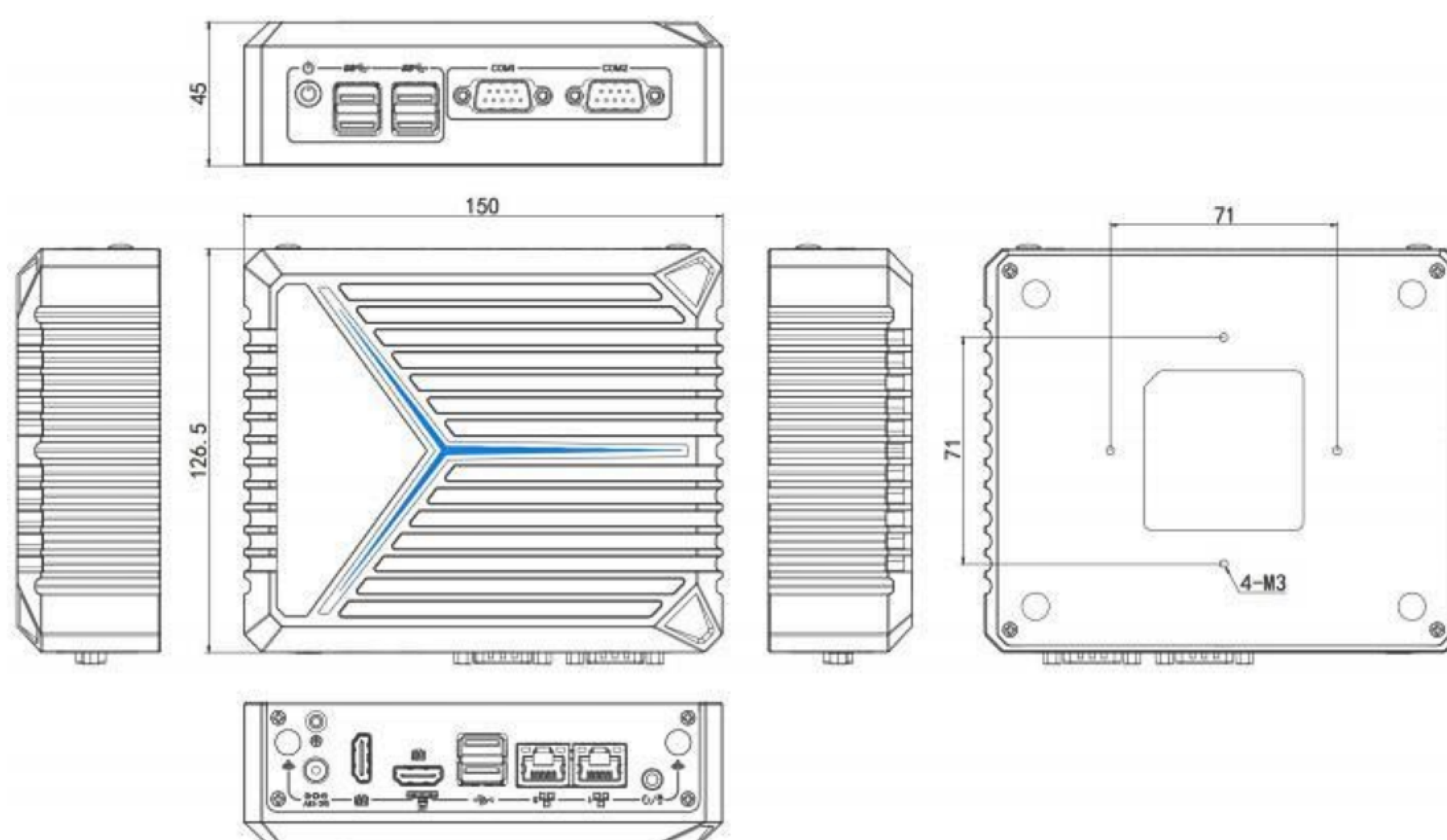
Front View



Rear View

DIMENSION

unit:mm



ORDER INFORMATION

Nano N1321	CPU	Specification
Configuration	Intel® Alder Lake N100	Standard Port

Note: When WiFi and 4G modules are used at the same time, antenna fixing holes need to be added.
If you have any questions, please contact us.

ACCESSORY

Part Name	Quantity	Specification
Power Adapter	1	12V 5A / 12V 4A
Power Cord	1	CN, US, UK, EU etc.
VESA Bracket	1	Standard