

Nano-N1321

Intel® 12th Alder Lake-N Processor
MINI PC



Features:

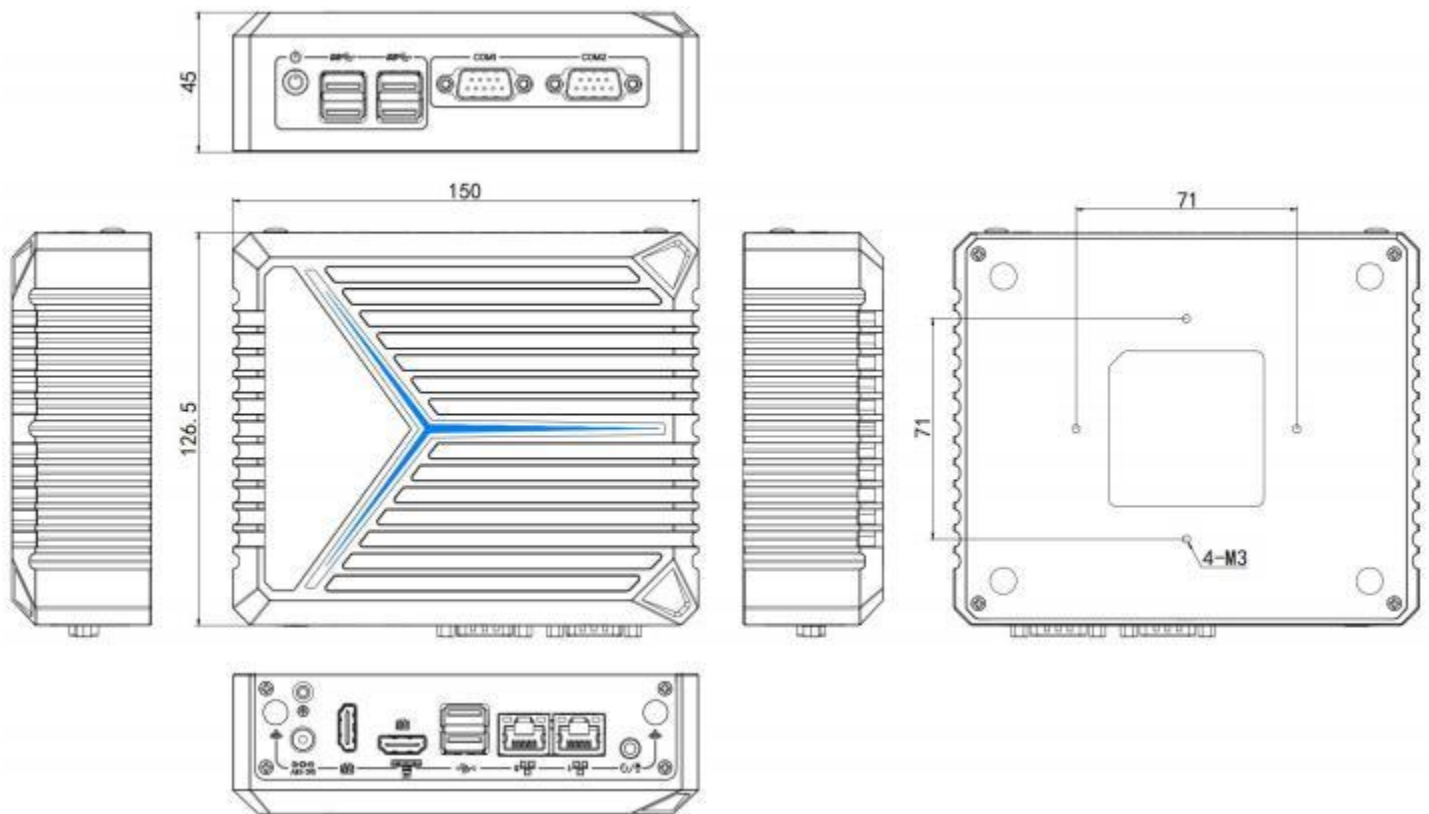
- ◇ All-aluminum alloy structure, fanless design
- ◇ Onboard Intel Alder Lake-N series processor
- ◇ Supports 2 Intel i226-V 2.5G Ethernet
- ◇ Support SSD + WIFI + 4G at the same time
- ◇ Support 4K HD dual display, 2*HDMI
- ◇ Support 6 USB
- ◇ Applicable systems:



Specification

Model	Nano-N1321
Chassis color	Metal grey (Colors can be customized)
Material	High quality all aluminium alloy
Processor	Onboard Intel® Alder Lake-N N100 (Quad Core quad threads, Max turbo 3.4 GHz)
CPU structure	Alder Lake-N
Memory	Support 1*DDR4 3200MHz SODIMM memory slot, Max. 16 GB
BIOS	AMI UEFI BIOS
Display chip	Intel(R) UHD Graphics
Display port	2*HDMI 4K display port (Support Synchronous/asynchronous dual display, resolution: 4096x2160 @60Hz)
Front I/O	1*power button, 3*USB3.1, 1*USB 2.0, 2*COM (support RS232)
Rear I/O	1*DC, 2*HDMI, 2*USB2.0, 2*RJ45 Lans 1*Mic&Audio, 1*SIM card slot
Expansion	Support 1*M.2 2280 M-key slot (support SATA & PCIE3.0X1 NVME) Support 1*M.2 2230 E-key slot (WIFI & BT) Support 1*MINI PCIE slot 【USB2.0 signal, optional: 3G/4G】 , External SIM card slot Expandable interface (standard shipment doesn't come with this interface): 8-way GPIO
Network	2*Intel i226-V 2.5G Lans
Storage	1*M.2 2280 slot, Onboard 1*2.5 inch HDD/SSD
Input voltage	Support DC 12V input
Other function	Power-on, timed startup, network wake up, PXE startup, watchdog (level 0-255), TPM2.0 security encryption
Working Temp.	0℃ ~ +40℃ (business HDD) , -0℃ ~ +60℃ (industrial SSD) , Surface air flow
Working Humi	0% ~ 95% Non-condensing
Certification	CE, CCC, FCC Class A, RoHS
Dimension	150 * 126.5 * 45 mm
Weight	0.84 kg
Application	Industrial control, Industrial automation, robotics, IoT, edge computing, machine vision, AGV/AMR, etc

Nano-N1321 Drawing



Package List

Name	Quantity	Note
Power adapter	1	12V 4A / 12V 5A
Power cable	1	Optional CN, US, UK, EU, KR, etc.
VESA mount	1	Standard

Order information

Config 1	Nano-N1321	Intel® Processor N100	Standard I/O
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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 consult pre-sales technicians.