

# N1321

## Intel® 12th Alder Lake-N Processor MINI PC



### Features:

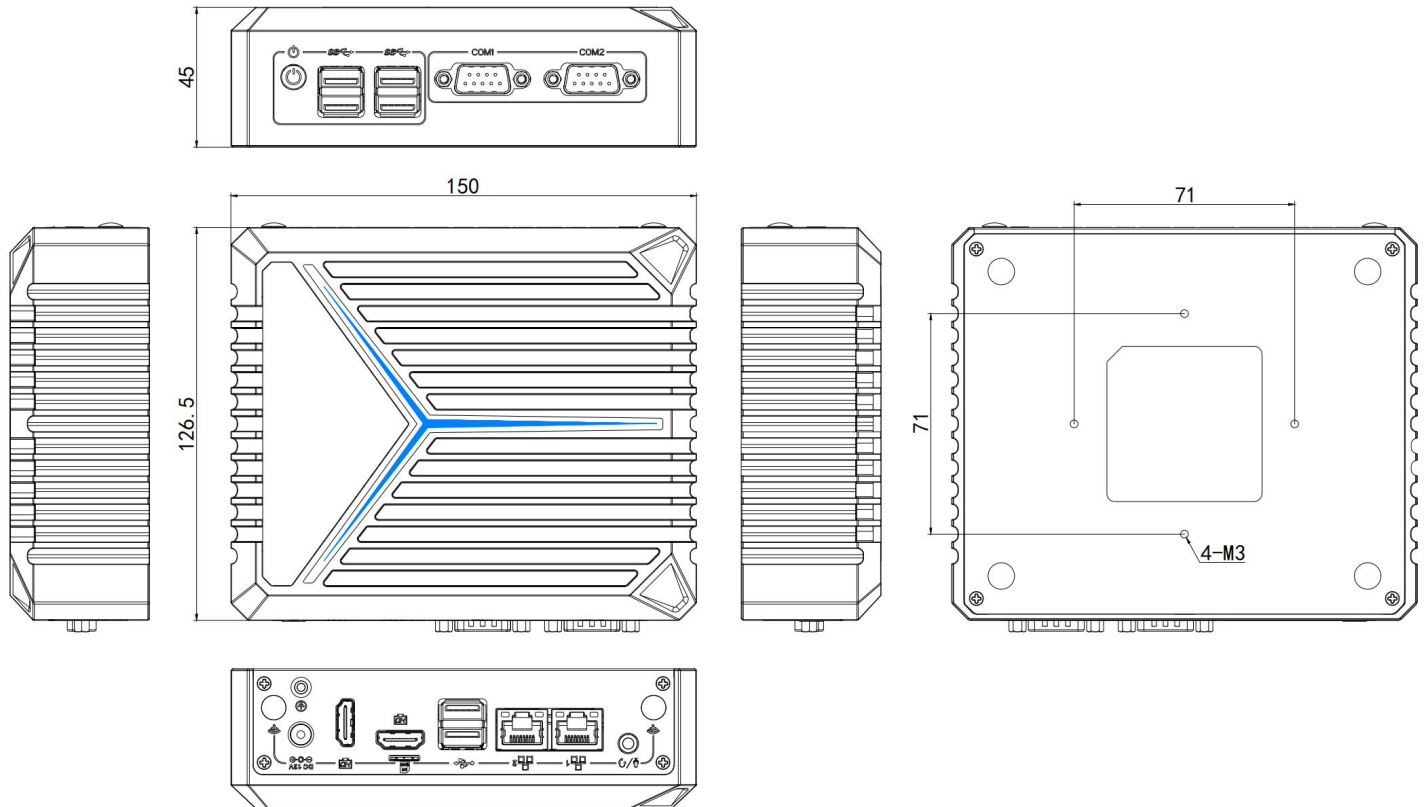
- ◇ All-aluminum alloy structure, fanless design;
- ◇ Onboard Intel Alder Lake-N series processor;
- ◇ Supports 2\*Intel i225-V 2.5G Ethernet interfaces;
- ◇ Support SSD + WIFI + 4G at the same time;
- ◇ Support 4K HD dual display, 2 HDMI ;
- ◇ Support 6\*USB;
- ◇ Applicable systems:



## Specification

Name	N1321
Chassis Color	Metal grey (Colors can be freely 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 Lan 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 i225-V 2.5G Internet
Storage	1*M.2 2280 slot, Onboard 1*2.5 inch HDD
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°C ~ +40°C (business HDD), -0°C ~ +60°C (industrial SSD), Surface air flow
Working Humidity	0% ~ 95% Non-condensing state
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

# N1321 Drawing



## Package List

Name	Quantity	Note
Power Adapter	1	12V 4A / 12V 5A
Power Cable	1	CN、US、UK、EU、KR,etc.【optional】
VESA Mount	1	Standard

## Order Information

Config 1      N1321      Intel® Processor N100      Standard I/O

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.