

Nano-N1221

Intel® Celeron® J6412 Processor - MINI PC



FEATURES

- Fanless Aluminum Design
- Intel® Celeron® J6412 Processor
- 2 × Realtek 8111H 1000Mbps LAN Ports
- 1 × Mini PCIe, support WiFi/4G optional
- 8 × USB (4 × USB3.1)
- Support synchronous / asynchronous 2 display, support 4K full HD

SPECIFICATION

SYSTEM	
Processor	Intel® Celeron® J6412 (quad core four threads, 2.0GHz, Max. Turbo 2.6GHz)
CPU Architecture	Elkhart Lake
Memory	1 × DDR4 3200MHz SODIMM, Max. 32 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 protocol) 1 × Mini PCIe (support WiFi/4G optional)
OS Support	Windows 10, Windows 11, Linux
Front I/O	1 × Power Button 4 × USB 3.1 2 × USB 2.0 1 × DB9 COM Port 1 × SIM Card Slot
Rear I/O	1 × DC-In 2 × USB 2.0 2 × HDMI 2 × RJ45 LAN Ports 1 × Audio (support Mic and speaker at the same time)
Ethernet	2 × Realtek 8111H 1000M LAN Ports
Power	DC 12V
Other Function	Auto power on when there is electricity, Timing boot, Wake On LAN, PXEboot, Watchdog (0~255 Level), TPM 2.0 security encryption
Application	Industrial Automation, Medical, Logistics and Transportation, Warehousing, Electronic Education ect.
ENVIRONMENT	
Operating Temperature	0°C ~ 40°C (Commercial HDD), -20°C ~ 60°C (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



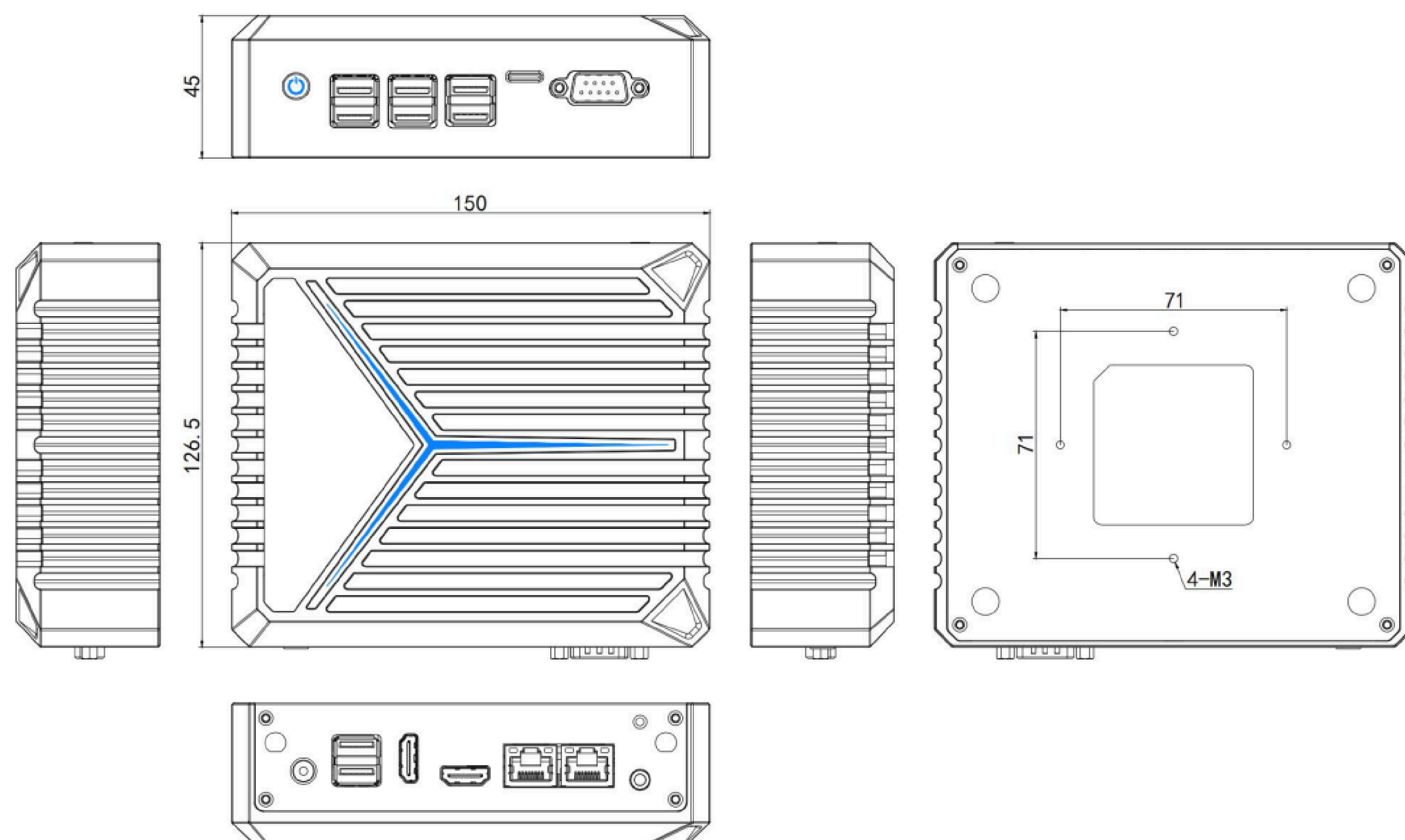
Front View



Rear View

DIMENSION

unit:mm



ORDER INFORMATION

Nano N1221	CPU	Specification
Configuration	Intel® Celeron® J6412	Standard I/O

ACCESSORY

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