

Nano-N3222

12th Gen Intel® Core™ Processor- MINI PC



FEATURES

- Fanless Aluminum Design
- 12th Gen Intel® Core™ Processor
- Support synchronous / asynchronous 2 display, support 4K full HD
- Support WiFi and 4G/5G at the same time
- 2 × RS232 COM Ports

SPECIFICATION

SYSTEM		
Processor	Intel® Core™ i3-1215U （6 core 8 threads, turbo. 4.4 GHz） Intel® Core™ i5-1235U （10 core 12 threads, turbo. 4.4 GHz） Intel® Core™ i7-1255U （10 core 12 threads, turbo. 4.7 GHz）	
Memory	1 × DDR4 3200MHz SODIMM, Max. 32 GB	
BIOS	AMI EFI BIOS	
Display Chip	Intel® UHD Graphics	
Display Port	2 × HDMI	Support synchronous/asynchronous display Max. Resolution 4096x2160@60Hz
Storage	1 × M.2 2280 1 × 2.5-inch HDD	
Expansion	1 × M.2 2280 M-Key (NVME) 1 × M.2 3052 B-key (USB 3.0, support 4G/5G), external SIM Card Slot 1 × Mini PCIe (support WiFi, Bluetooth)	
OS Support	Windows 10, Windows 11, Linux	
Front I/O	1 × Power Button 3 × USB 3.1 1 × USB 2.0 1 × SIM Card Slot 2 × RS232 COM Ports	
Rear I/O	1 × Audio Interface(2-in-1) 2 × USB 2.0 2 × HDMI 1 × DC-In 2 × RJ45 LAN Ports	
Ethernet	2 × RTL8111H 1000Mbps LAN Ports	
Power	DC 12V	
Other functions	Power-on, timed startup, network wake up, PXE startup, watchdog (level 0-255), TPM 2.0security encryption	
Application	Industrial Control, Industrial Automation, Robot, IoT gateway, Edge computing, Machine Vision, AGV/ARM, etc.	
ENVIRONMENT		
Operating Temperature	0℃ ~ 40℃ (Commercial HDD), -20℃ ~ 50℃ (Industrial SSD), surface air flow	
Relative Humidity	5% ~ 95% (non-condensing)	
Certification	CE, CCC, FCC Class A, RoHS	
MECHANISM		
Dimension	170 × 140 × 58 mm	
Net Weight	1.1 kg	



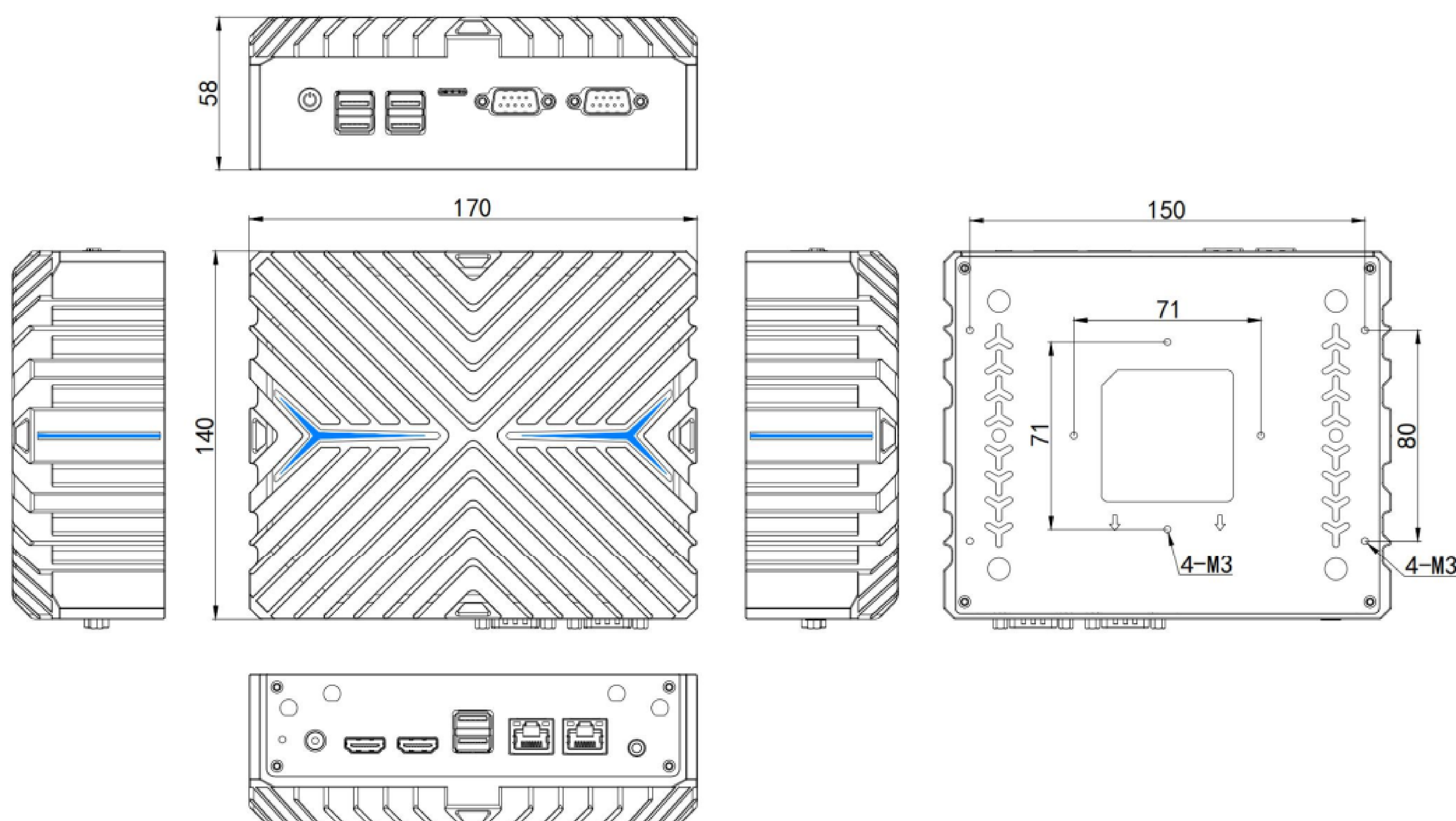
Front View



Rear View

DIMENSION

unit:mm



ORDER INFORMATION

Nano-N3222	CPU	Specification
Configuration 1	Intel® Core™ i3-1215U	Standard I/O
Configuration 2	Intel® Core™ i5-1235U	Standard I/O
Configuration 3	Intel® Core™ i7-1255U	Standard I/O

ACCESSORY

Part Name	Quantity	Specification
Power Adapter	1	Recommend 12V 7.5A
Power Cord	1	CN, US, UK, EU etc.
VESA Bracket	1	Standard