

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 display
- Support WiFi and 4G/5G at the same time
- Support 2 × COM (support 2 × RS232)

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@Hz
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 × COM Port support RS232 mode
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 2.0 security encryption
Application	Industrial Control, Industrial Automation, Robot, IoT gateway, Edge computing, Machine Vision, AGV/ARM, etc.
ENVIRONMENT	
Operating Temperature	0°C ~ 40°C (Commercial HDD), -20°C ~ 50°C (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



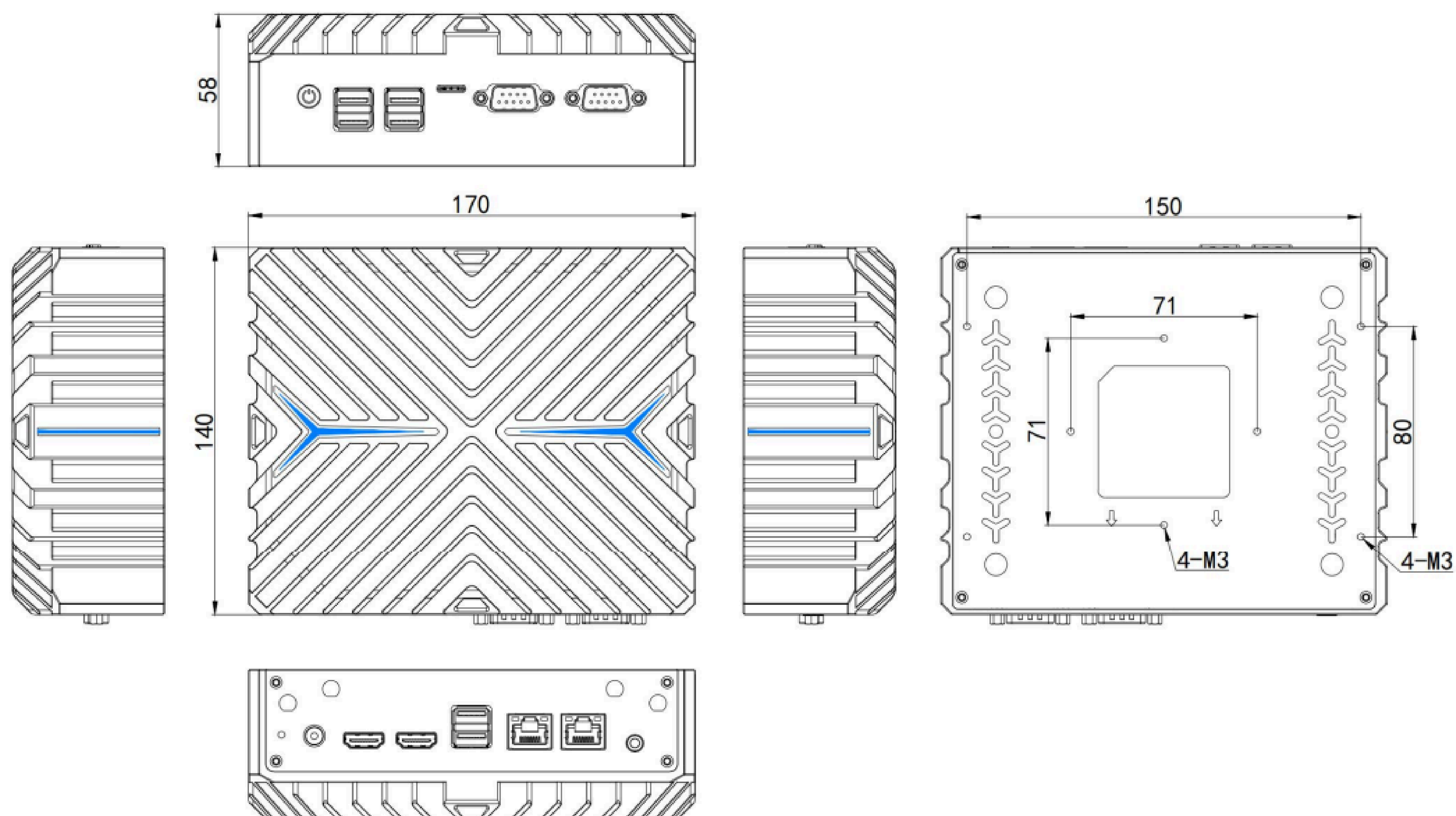
Front View



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