

Nano-N3281

Intel 14th Gen Core Ultra processor
Mini Firewall PC



Features:

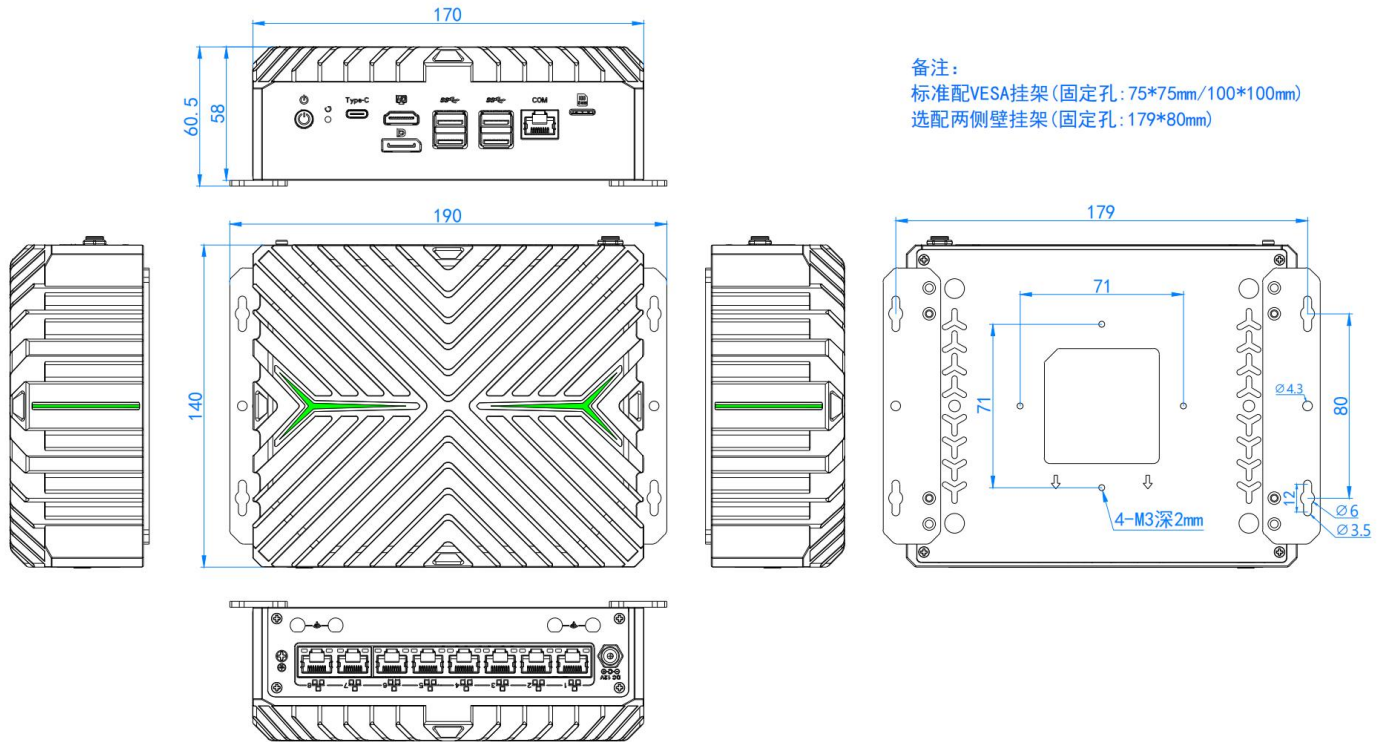
- ◇ All aluminum alloy structure, fanless and efficient heat dissipation;
- ◇ 14th Gen Core Ultra processor;
- ◇ 8 Intel 2.5G Lan (1 Intel i226-LM supports vPro, 7 Intel i226-V)
- ◇ 1 HDMI+1 DP+1 Type-C , triple display;
- ◇ Support M.2 (NVME)+2.5-inch HDD/SSD+WIFI+4G;
- ◇ Applicable system:



Specification

Model	Nano-N3281
Color	Metal gray (color can be customized freely)
Material	Aviation grade aluminum alloy
Processor	Onboard Intel Core Ultra 5 125U (12 core 14 threads, Max Turbo 4.3 GHz, 15W) Onboard Intel Core Ultra 7 155U (12 core 14 threads, Max Turbo 4.8 GHz , 15W)
NPU	Intel AI Boost (Max Frequency 1.4GHz)
RAM	2*DDR5 5600 SODIMM memory slot, Max 64 GB
BIOS	AMI EFI BIOS
Display Chip	Intel® Graphics
Display Port	1 HDMI,1 DP, 1 Type-C, Resolution up to 4096x2160 @ 60Hz
Front I/O	1 Power Button,1 Reset,1 Type-C (support DP/USB 3.2/PD 5V1A), 1 HD-M-I, 1 DP, 4 USB 3.2, 1 RJ45 COM (suppor Console),1 SIM Card Slot
Rear I/O	1 DC , 8 Intel 2.5G Lan (1 Intel i226-LM support vPro, 7 Intel i226-V)
Expansion Slot	Support 1*M.2 2280 M-Key slot (NVME protocol, PCIe4.0 x4) Support 1*M.2 2230 E-key slot (PCIe&USB /CNVio2) Support 1*M.2 3052 (2242) B-key slot (USB 3.0 signal, supports 4G/5G), external SIM card slot Expandable interface (not included in standard shipment): 2 USB 2.0, 4*Pin GPIO
Network	7*Intel i226-V 100/1000/2500M Ethernet 1*Intel i226-LM 100/1000/2500M Ethernet, support Intel vPro (LAN1)
Storage	Support1*M.2 2280 slot , 1*2.5-inch HDD/SSD
Input Voltage	DC 12V input
Other Function	Power On, Timed Power On, Network Wake-Up, PXE, Watchdog (0-255 Levels), TPM 2.0 Secure Encryption
Work Temp	0 °C - +40 °C (commercial HDD), -20 °C - +50 °C (industrial SSD), surface air flow
Work Humidity	5% - 95% non condensing state
Certificates	CE、 CCC、 FCC Class A、 RoHS
Dimension	170 * 140 * 58 mm
Net Weight	1.36 kg

Nano-N3281 Drawing



Accessory

Name	Quantity	Specification
Power Adapter	1	Intel® Core™ Ultra 5 Intel® Core™ Ultra 7 Suggestion 12V 10A
Power Cord	1	CN、US、UK、EU.etc
Qualified certificate	1	Yanling/Neutral
Warranty card	1	Yanling/Neutral
VESA Bracket	1	Standard

Order Information

Configuration 1	Nano-N3281	Intel® Core™ Ultra 5 125U	Standard Port
Configuration 2		Intel® Core™ Ultra 7 155U	Standard Port