

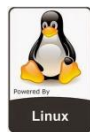
Nano-N3281

Intel® 14th Core™ Ultra processor Micro Firewall Router



Features :

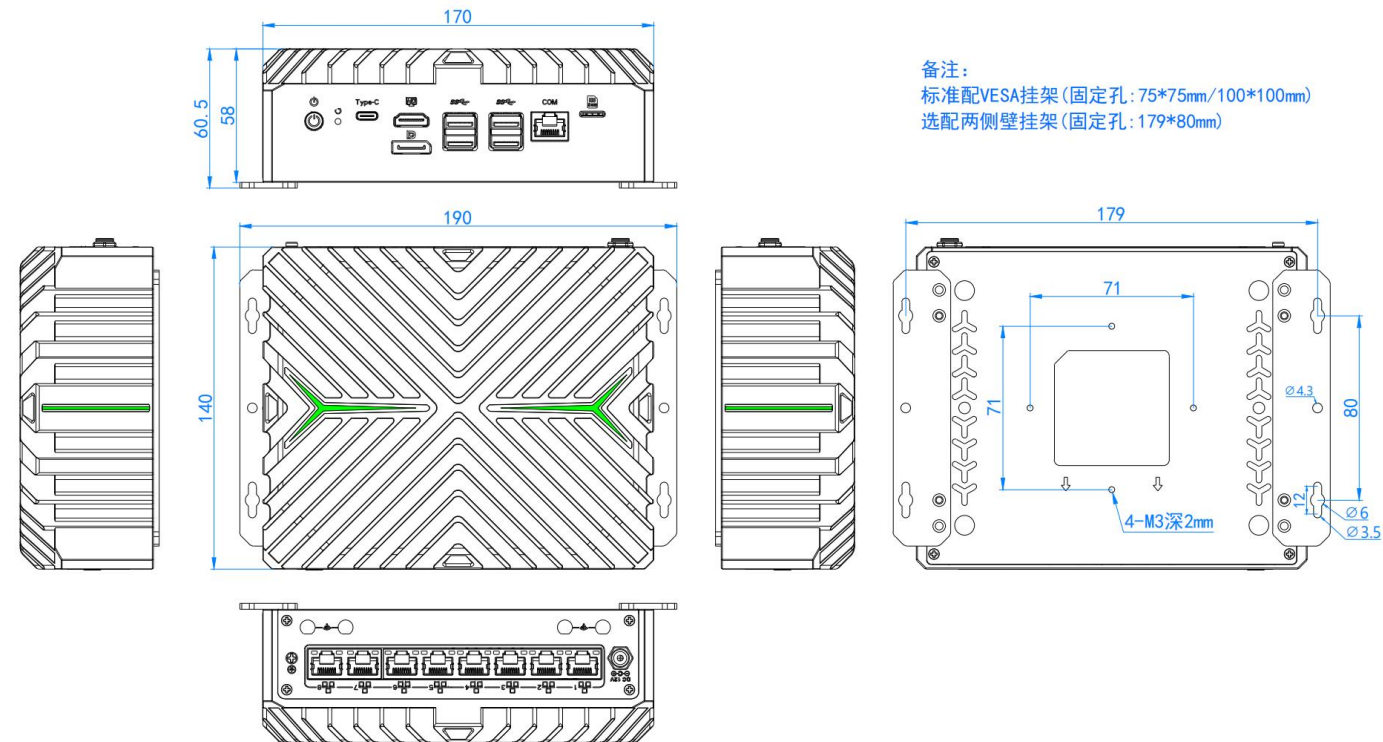
- ◇ All aluminum alloy structure, fanless efficient heat dissipation;
- ◇ Onboard 14th Intel® Core™ Ultra processor;
- ◇ 8* network ports (1*Intel i226-LM support vPro, 7*Intel i226-V)
- ◇ 1*HDMI+1*DP+1*Type-C, Supports synchronous and asynchronous display;
- ◇ M.2(NVME) + 2.5inch SATA + WIFI + 4G(All in same time);
- ◇ Application :



Specification

Model	Nano-N3281
Chassis color	Metallic Grey (color can be customized)
Chassis material	Aero-grade aluminium alloy
Processor	Onboard Intel® Core™ Ultra 5 125U (12 cores 14 threads, turbo. Max. 4.3 GHz) Onboard Intel® Core™ Ultra 7 155U (12cores 14 threads, turbo. Max. 4.8 GHz)
NPU	Intel® AI Boost (Max Frequency 1.4 GHz)
Memory	Support 2*DDR5 5600 SODIMM memory, Max. 64 GB
BIOS	AMI EFI BIOS
Display chip	Intel® Graphics
Display port	1*HDMI+1DP,1*Type-C, Supports synchronous and asynchronous display, resolution: 4096x2160 @ 60Hz
Front I/O	1*power button, 1*reboot, 1*Type-C{full-function} (Support DP / USB3.2 / PD 5V1A) , 1*HDMI 1*DP,4*USB3.2, 1*RJ45 (Support Console) , 1*SIM card slot
Rear I/O	1*DC , 8*2.5G LAN (1*Intel i226-LMSupport vPro, 7*Intel i226-V)
Expansion slots	Support 1*M.2 2280 M-Key (NVME signal, PCIE4.0 x4 slot) Support 1*M.2 2230 E-key (PCIe & USB / CNVio2) Support 1*M.2 3052 (2242) B-key (USB3.0 signal, Support 4G/5G) , external SIM card slot Expandable interface (not included in standard shipment): 2 * USB2.0 , 4 pins GPIO
Network	7*Intel i226-V 100/1000/2500M Internet 1*Intel i226-LM 100/1000/2500M Internet, Support Intel vPro (LAN1)
Storage	Support 1*M.2 2280, 1*2.5inch SSD/HDD
Input voltage	Support DC 12V input
Another 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) , -20°C ~ +50°C (industrial SSD) , Surface air flow
Working humidity	5% ~ 95% Non-condensing state
Safe certificate	CE、CCC、 FCC Class A、 RoHS
Dimension	170 * 140 * 58 mm
Product weight	1.36 kg
Application	Firewall, VPN, network server, network security, router and other fields

Nano-N3281 product drawing



Packing list

Name	Quantity	Note
Adapter	1	Intel® Core™ Ultra 5 - 12V 7.5A
		Intel® Core™ Ultra 7 - 12V 10A
Power cable	1	Optional: CN、US、UK、EU.etc
Qualified certificate	1	Yanling/Neutral
Warranty card	1	Yanling/Neutral
VESA mount	1	Standard back applies

Configuration info

Config 1	Nano-N3281	Onboard Intel® Core™ Ultra 5 125U	Standard port
Config 2		Onboard Intel® Core™ Ultra 7 155U	Standard port