

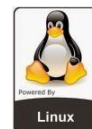
TM-MINI-14GEN

Intel 14th Gen Core Ultra processor Mini PC



Features:

- ♦ All aluminum alloy structure, fanless design;
- ♦ Onboard 14th gen Intel Core Ultra Processor;
- ♦ 3*Intel i226-V Lan;
- ♦ 3*HDMI+1*Type-C, Support Four display
- ♦ Support M.2(SSD)+2.5-inch HDD+WIFI+4G;
- ♦ Applied OS:



Specification

Parameter

Processor	Onboard Intel Core Ultra 5 125U (12 core 14 threads, Max Turbo 4.3 GHz)
	Onboard Intel Core Ultra 7 155U (12 core 14 threads, Max Turbo 4.8 GHz)
Chipset	
Memory	1x DDR5 4800 SODIMM memory slot, Max 32 GB

Graphics Card

Graphics	Intel Graphics
Display	3 HDMI, 1 TYPE-C, Support synchronous/asynchronous Four display, Max resolution 4096x2160 @ 60Hz

Ethernet

Lan Port	3x Intel i226-V 100/1000/2500M Lan
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I/O

USB	2x USB 3.1, 2x USB 2.0
COM	2x COM (R232/485)
Audio	1x Audio (Support Mic & Speaker at the same time)

Power Supply

Power Supply	1xDC Input(5.5x2.5mm), support 12V~19V
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Storage

M.2	Supports 1 M.2 2280 slot
SATA	1x 2.5-inch HDD

Graphics Card

Mini PCIE	Support 1 M.2 2280 M-Key slot (NVME Protocol, PCIe4.0x4)
	Support 1 m.2 2230 E-key slot (supports WIFI, Bluetooth)
	Support 1 MINI PCIE slot (PCIe&USB2.0, supports 4G/WIFI), external SIM card slot (Nano card)
Expansion slot:(not included in standard shipments): 2 USB 2.0, 4 GPIO	

Dimension

Size	170*140*58 mm
Weight	1.1 kg
Installation	

Environment

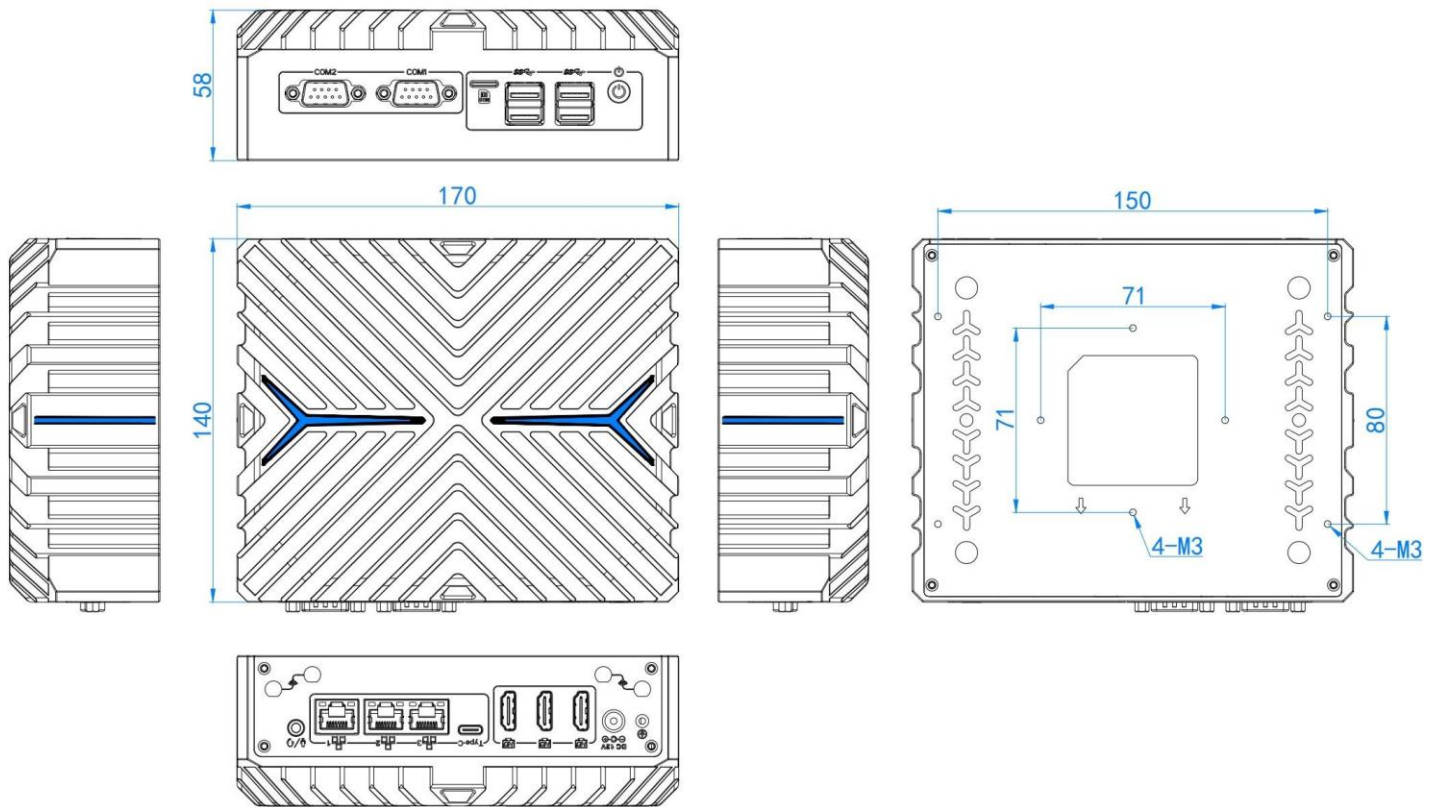
Temperature	0°C~+40°C (commercial HDD), -20°C~+50°C (Industrial SSD), Surface air flow
Humidity	5%~95% non-condensing

Other Function

Application

Auto power on、Timing boot、 Wake on LAN、 PXE boot、 Watchdog (level 0-255), TPM2.0 security encryption
Industrial Control, Industrial Automation, Robot, IoT Gateway, Edge Computing, Machine Vision, AGV/AMR, etc.

Technical Drawing



Order Information

Configuration 1	Nano-N3422	Intel® Core™ Ultra 5 125U	Standard Port
Configuration 2		Intel® Core™ Ultra 7 155U	Standard Port

Packing list

Name	Quantity	Specification
Power Adapter	1	Intel Core Ultra 5/12V 7.5A Intel Core Ultra 7/12V 10a
Power Cord	1	CN、US、UK、EU etc
VESA Bracket	1	Standard