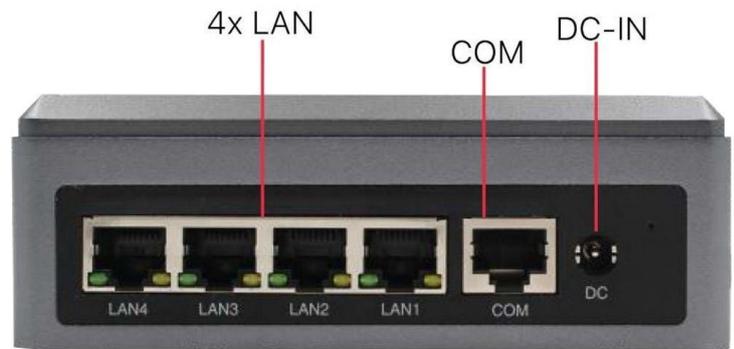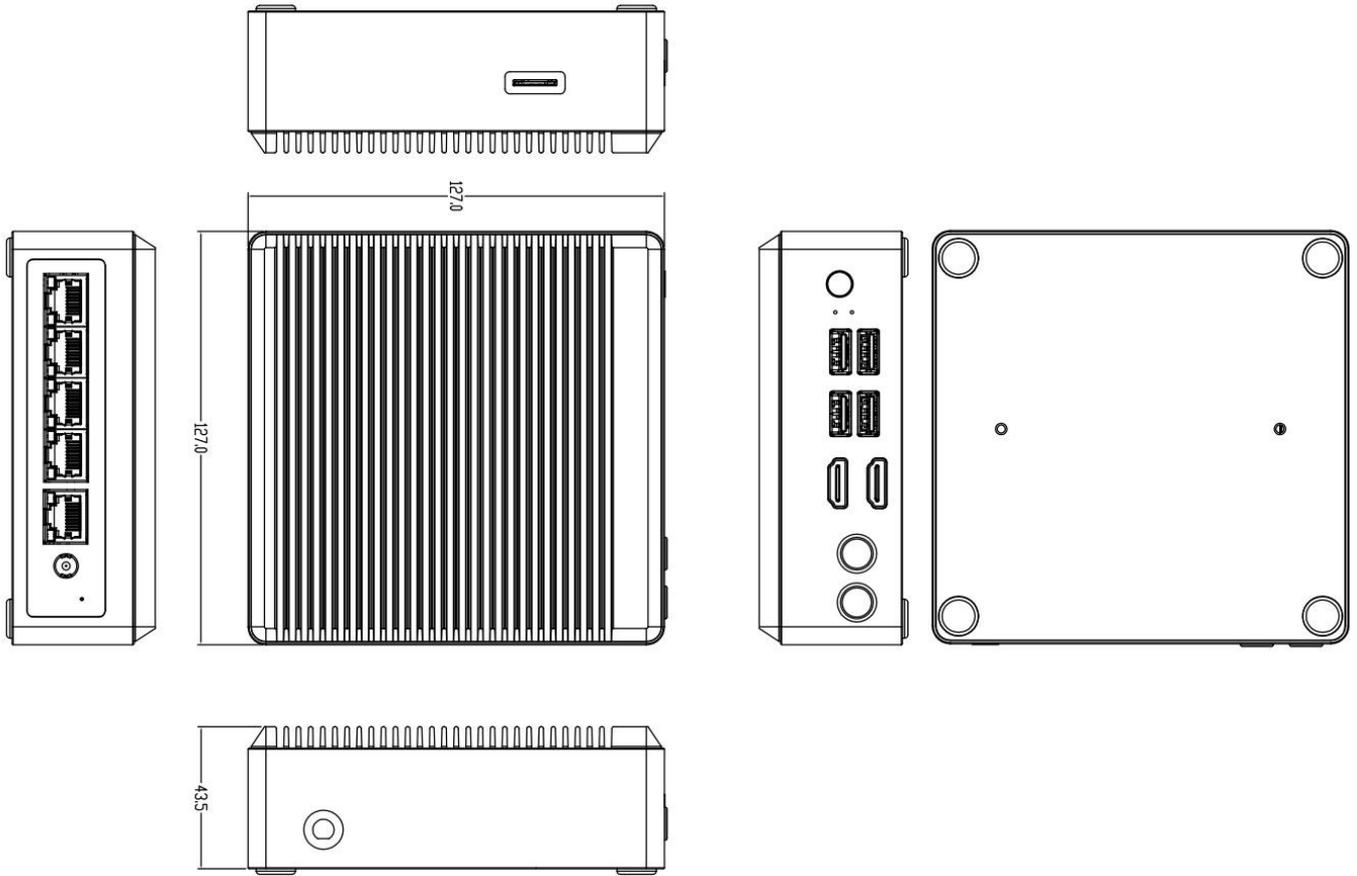| 1ST-nanoE4	**Fanless mini PC** with Intel® Celeron® J6412 CPU, 2x HDMI, 4x 2,5 GbE, 4x USB, SIM slot

- Based on Intel® Elkhart Lake Celeron® J6412 Processor
- SO-DIMM DDR4 slots for memory up to 32GB
- Supports dual independent display: Intel® Integrated Graphics display via 2x HDMI2.0
- Rich I/O ports: 4x LAN, 2x USB3.2, 2x USB2.0, COM, SIM card slot
- Ethernet: 10/100/1000Mbps
- Wide expansions: M.2 2242/2280 SSD (2,5" SATA optional) or 4G, 1x M.2 2230 for WiFi/BT
- Fanless design, VESA mount
- Supports Windows 10/11 64bit and Linux 64bit

	Items	Descriptions
Dimensions (WxDxH)		127mmx127mmx43,5mm
Motherboard	CPU	Intel® Celeron® J6412 (2 GHz, up to 2,6GHz, quad-core processor, TDP 10W)
	System Memory	SO-DIMM slot supports DDR4 up to 32GB RAM
Storage	Interface	M.2 2242/2280 Key B for SSD (2,5" SATA optional) or 4G
Expansion		SIM card slot, M.2 2230 Key E for WiFi / Bluetooth
Ethernet	Interface	4x GbE LAN, 10/100/1000/2500 Mbps
	Ethernet Chip	Intel® i225/i226
System I/O		4x LAN 2x USB3.2 2x USB2.0 COM (RS232) 2x HDMI2.0 2x Holes for antennas
Power Supply		12V DC-IN
Wake on LAN		Yes
Enclosure Material		100% Aluminum Alloy
Color		Black
Operating temperature		-20℃ ~ 60℃, non condensing, Storage temperature -40℃ ~ 80℃
Weight		TBD
Mounting		VESA mount

1ST embedded
...technology for our future

Ordering Information

Part No.	Descriptions
1ST-nanoE4	Supports Intel® Celeron® J6412 (2 GHz, up to 2,6GHz, quad-core processor, TDP 10W)

4x LAN

COM

DC-IN

LAN4 LAN3 LAN2 LAN1 COM DC

Wi-Fi Antennas

2x HDMI2.0

2x USB3.2

2x USB2.0

Power Button

SIM Card

1ST embedded
...technology for our future