

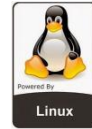
# IOT-BOX-i14

## Intel 14th Gen Core Ultra processor Mini PC



### Features:

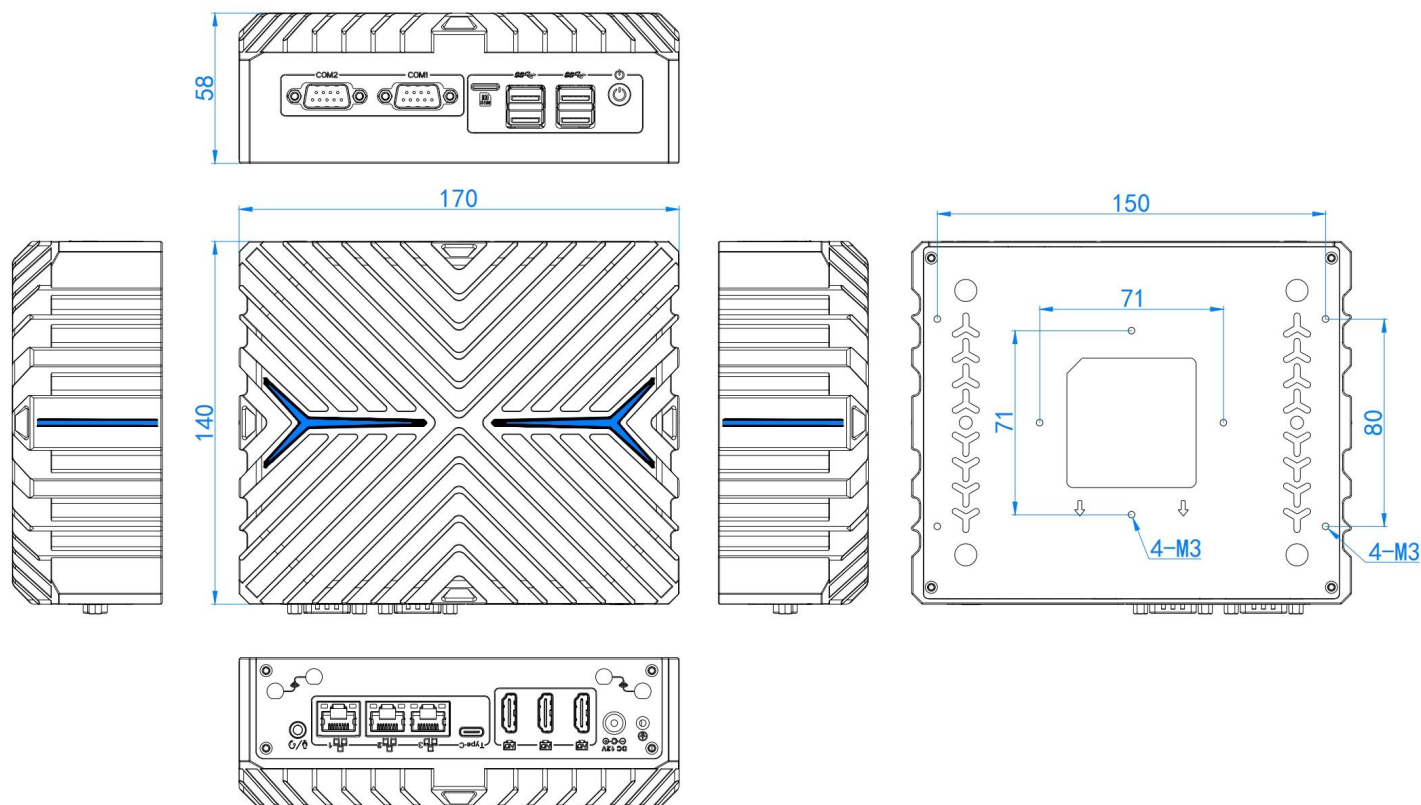
- ◇ All aluminum alloy structure, fanless design;
- ◇ Onboard 14th gen Intel Core Ultra processor;
- ◇ 3\*Intel i226-V Lan;
- ◇ 3\*HDMI+1\*Type-C, Support Four display
- ◇ Support M.2 (SSD)+2.5-inch HDD+WIFI+4G;
- ◇ Applied OS:



## Specification

|                |                                                                                                                                                                                                                        |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model          | Nano-N3422                                                                                                                                                                                                             |
| Color          | Metal gray                                                                                                                                                                                                             |
| Material       | Aviation grade aluminum alloy fanless efficient heat dissipation                                                                                                                                                       |
| Processor      | Onboard Intel Core Ultra 5 125U (12 core 14 threads, Max Turbo 4.3 GHz )<br>Onboard Intel Core Ultra 7 155U (12 core 14 threads, Max Turbo 4.8 GHz )                                                                   |
| NPU            | Intel AI Boost (Max Frequency 1.4GHz)                                                                                                                                                                                  |
| RAM            | Support 1*DDR5 4800 SODIMM memory slot, Max 32 GB                                                                                                                                                                      |
| BIOS           | AMI EFI BIOS                                                                                                                                                                                                           |
| Display Chip   | Intel Graphics                                                                                                                                                                                                         |
| Display Port   | 3 HDMI , 1 Type-C , Support synchronous/asynchronous Four display, Max resolution 4096x2160 @ 60Hz                                                                                                                     |
| Front I/O      | 2 COM ( RS232/485), 1 SIM card slot, 2 USB 3.1, 2 USB 2.0, 1 Power Button                                                                                                                                              |
| Rear I/O       | 1 DC , 3 HDMI, 1 Type-C(support 4096x2160 @ 60Hz )<br>3*2.5G Lan, 1* Audio ( Support Mic & Speaker at the same time)                                                                                                   |
| Expansion Slot | Support 1 M.2 2280 M-Key slot (NVME protocol, PCIE4.0X4)<br>Support 1 M.2 2230 E-key slot (supports WIFI, Bluetooth)<br>Support 1 MINI PCIE slot (PCIE &USB2.0 , supports 4G/WIFI), external SIM card slot (Nano card) |
| Network        | 3 Intel i226-V 100/1000/2500M Lan                                                                                                                                                                                      |
| Storage        | Supports 1 M.2 2280 slot and 1 2.5-inch HDD                                                                                                                                                                            |
| Input Voltage  | DC 12V                                                                                                                                                                                                                 |
| Other Function | Auto power on、Timing boot、Wake on LAN、 PXE boot、 Watchdog (level 0-255), TPM2.0 security encryption                                                                                                                    |
| Work Temp      | 0℃ ~ +40℃ ( Commercial HDD ) , -20℃ ~ +50℃ ( Industrial SSD ) , Surface air flow                                                                                                                                       |
| Work Humidity  | 5% ~ 95% non-condensing                                                                                                                                                                                                |
| Certificates   | CE、 CCC、 FCC Class A、 RoHS                                                                                                                                                                                             |
| Dimension      | 170 * 140 * 58 mm                                                                                                                                                                                                      |
| Net Weight     | 1.1 kg                                                                                                                                                                                                                 |

## Nano-N3422 Drawing



### Accessory

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

### Order Information

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