

Nano-N1342

Intel® Twin Lake processor Mini PC



Features:

- ◇ All aluminum alloy structure, fan assisted heat dissipation design;
- ◇ Onboard Intel Twin Lake processor;
- ◇ Support 2*Intel i226-V 2.5G Ethernet;
- ◇ Support 2*10G SFP+ Ports;
- ◇ support SSD+WIFI+4G/5G at the same time;
- ◇ Support DP+HDMI 4K HD dual display;
- ◇ 2*3-Pin Phoenix terminal COM (2*RS232/485);
- ◇ Applicable system:



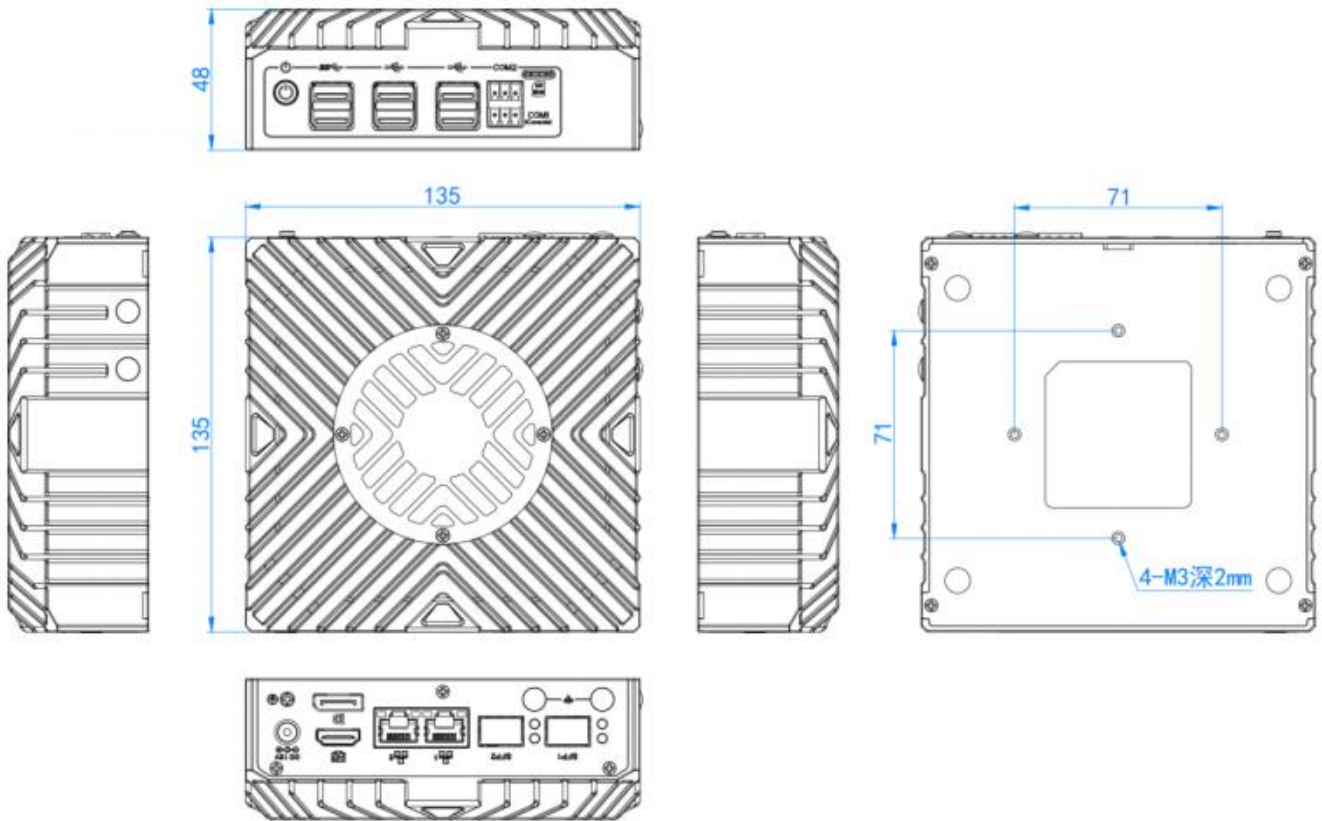
Specification

Model	Nano-N1342
Color	Metal Gray (color can be customized)
Material	High-quality all-aluminum alloy
Processor	Intel Twin Lake N150 processor (4 cores 4 threads, Max Turbo 3.6 GHz)
Architecture	Twin Lake
RAM	1*DDR5 4800MHz SODIMM memory slot, Max 16 GB
BIOS	AMI UEFI BIOS
Display Chip	Intel® Graphics
Display Port	1*HDMI, 1*DP, Resolution up to 4096x2160 @ 60Hz
Front I/O	1*power button, 1*USB3.1, 5*USB2.0, 1*Nano-SIM card slot 2* 3-pin Phoenix terminal COM (2*RS232/485 modes, COM1 support console)
Rear I/O	1*DC, 1*HDMI, 1*DP 2*Intel 2.5G Ethernet ports, 2*10 GbE SFP+ ports
Expansion Slot	1*M.2 2280 M-key slot (SATA & PCIe 3.0 X1 NVME) 1*M.2 2230 E-key slot (PCIe & USB / CNVio2) 1*M.2 3052 B-key slot (USB 3.0, 4G/5G) and an external Nano-SIM card slot Expandable interface (not included in standard shipment): 4 GPIO channels
Network	2*Intel i226-V 100/1000/2500M Ethernet ports, 2*10 GbE SFP+ ports (Intel 82599)
Storage	1*M.2 2280 slot, 1*2.5-inch HDD/SSD
Input Voltage	Supports DC 12V input
Other Function	Power-on, timed power-on, PXE boot, network wake-up, watchdog (0-255 levels), TPM2.0 security encryption
Work Temp	0°C to +40°C (for commercial HDDs), -20°C to +50°C (for industrial SSDs), with surface airflow
Work Humidity	0% to 95% non-condensed state
Certificates	CE、 CCC、 FCC Class A、 RoHS
Dimension	135 * 135 * 48 mm

Net Weight 0.80 kg

Application Industrial control, industrial automation, robotics, IoT gateways, edge computing, machine vision, AGVs/AMRs, and more

Nano-N1342 Drawing



Packing list

Name	Quantity	Specification
Power Adapter	1	The N150 Recommends 12V 5A
Power Cord	1	American-Standard
VESA	1	Standard

Optional information

Configuration 1	Nano-N1342	Intel N150	Standard Port
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Note: When using both WIFI and 5G modules, an antenna mounting hole must be added. For assistance, contact your pre-sales technician.