

Partaker N7

Intel Core 12th generation processor Mini PC



Features:

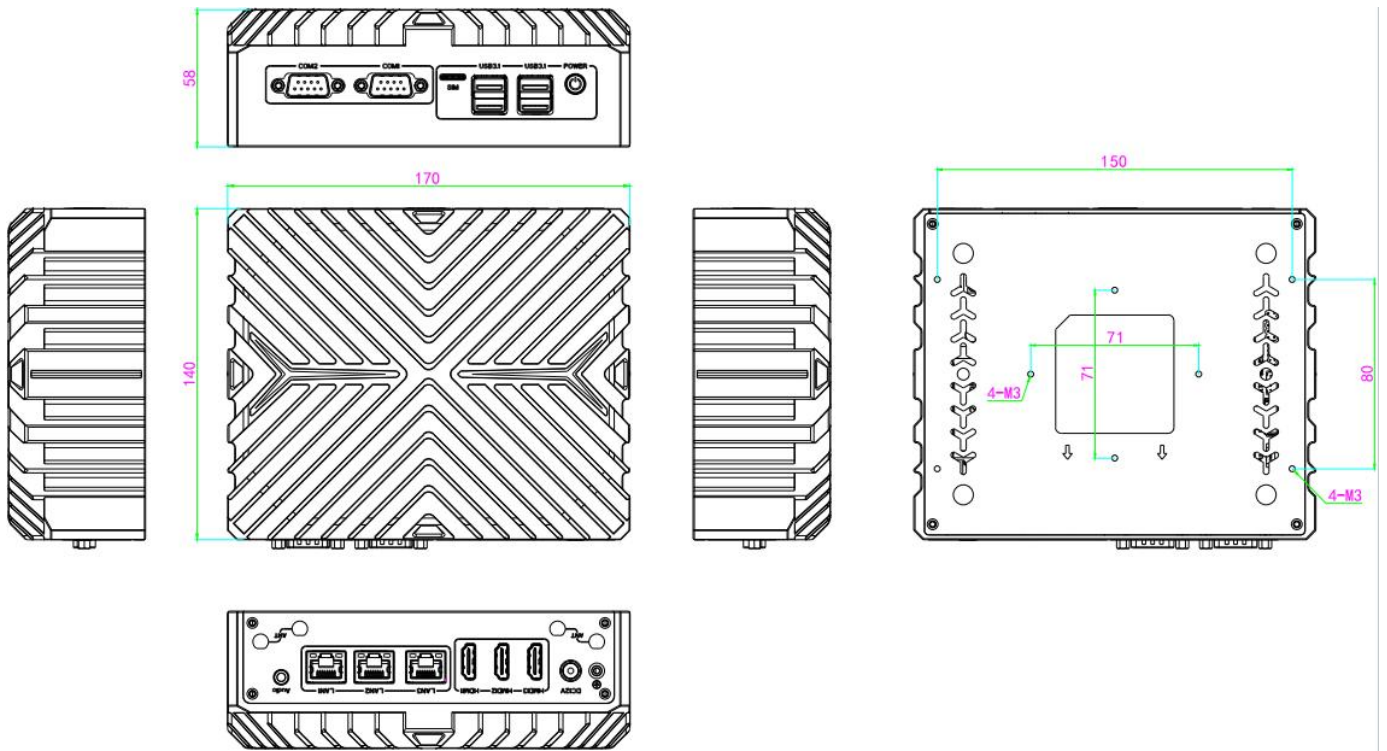
- ◇ Aluminum structure, Fanless auxiliary heat dissipation design;
- ◇ Onboard Intel Core 12th intelligent processor;
- ◇ Support 3*HDMI 4K display port, Supports synchronous and asynchronous three display;
- ◇ Support WIFI + 4G/5G in same time with 3*M.2 slot;
- ◇ Support 2*COM (support 2*RS232/RS485 mode) ;
- ◇ Support DC 12V input;
- ◇ Applicable system:



Product specification parameter

Name	Partaker N7
Chassis color	Metallic Grey (Colors can be freely customized)
Material	High quality all aluminium
Processor	Onboard Intel Core i3 1215U (six core eight threads, Turbo. 4.4 GHz) Onboard Intel Core i5 1235U (ten core twelve threads, Turbo. 4.4 GHz) Onboard Intel Core i7 1255U (ten core twelve threads, Turbo. 4.7 GHz)
Memory	Support 1*DDR5 5600 SODIMM memory slot, Max. 32 GB
BIOS	AMI EFI BIOS
Display chip	Intel(R) UHD Graphics
Display port	3*HDMI with 4K ,Support Synchronous or asynchronous display,Max.4096x2160@Hz
Front I/O	2*COM support RS232/RS485 ,1*SIM slot,4*USB3.2,1*Power button
Rear I/O	1*DC port,3*HDMI,3*Intel 2.5G Lan,3*RJ45,1*audio interface(2-in-1),4 Antenna holes
Expansion slot	Support 1*M.2 2280 M-Key slot (NVME, PCIE4.0X4) Support 1*M.2 3052 B-key slot (USB3.0 signal, support 4G/5G) , External SIM card slot Support 1*2230 E-key slot (support WIFI、Bluetooth) Expansion slot: (not included in standard shipments): 2 USB 2.0, 4 GPIO
Network	3*Intel i226-V 2.5G Lan
Storage	Support 1*M.2 2280 slot, 1*2.5inch HDD
Input	Support DC 12V input
Other functions	Power-on, timed startup, network wake up, PXE startup, watchdog (level 0-255), TPM2.0 security encryption
Working temp.	0℃ -- +40℃ (business HDD) ,-20℃ -- +50℃ (industrial SSD) ,Surface air flow
Working humidity	5% -- 95% Non-condensing state
Certification	CE, FCC Class A,RoHS
Dimension	170 * 140 * 58 mm mm
Weight	1.1 kg
Application	Industrial Control, Industrial Automation, Robot, IoT gateway, Edge computing, Machine Vision, AGV/ARM, etc.

Drawing



Packing list

Name	Quantity	Note
Power adapter	1	Recommend 12V 7.5A
Power cable	1	CN、US、UK、EU.etc
Qualification	1	Neutral
Warranty Card	1	Neutral
VESA mount	1	Standard

Configuration

Config. 1		Onboard Intel Core i3 1215U	Standard I/O
Config. 2	Partaker N7	Onboard Intel Core i5 1235U	Standard I/O
Config. 3		Onboard Intel Core i7 1255U	Standard I/O