Embedded fanless industrial computer

SIN-3412-R680E

Main features

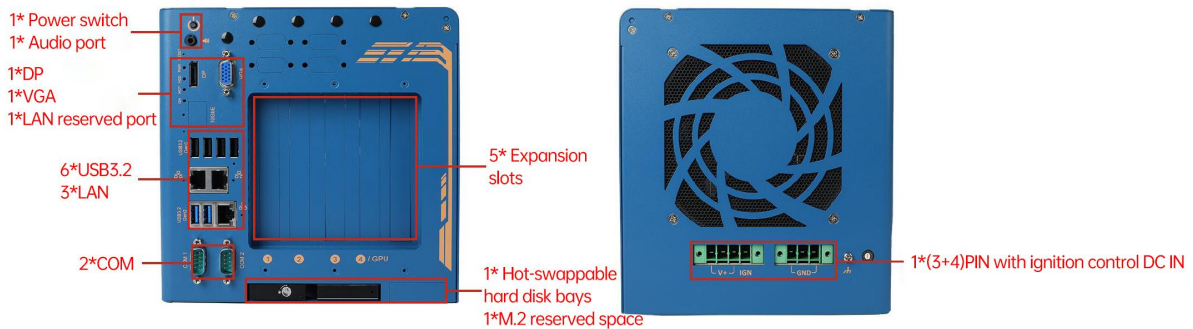|			
Intel R680E chipset	Core 12th and 13th generation cpus	Supports up to 128G of memory	VGA+DP
3*Intel Gigabit Ethernet ports (including 2 2.5G ports)	6个USB3.2	2*COM	1* Hot-swappable hard disk bays 4*PCIe slots

Specific parameters

Chipset	Intel R680E Chipset
CPU	LGA1700 supports Intel 12th and 13th generation Core processors, with a TDP of 65W/35W
Memory	2*SODIMM memory slots, ECCInon-ECC DDR54800MHZSDRAM, supporting up to 128GB
Display	1*VGA、1*DP
Hard disk	1*2.5 "HDD/SSD hot-swappable hard drive tray, 1*M, 2M -key 2280(PCIe Gen4X4) slot for NVMeSSD, and an optional 1*M, 2M -key 2280(PCIe Gen4X4) tray for NVME SSD
Network	2*Intel1226-IT 2.5G network ports, 1*Intel 1219-LM Gigabit network port, and an optional 1*10GBASE-T 10G network port using Marvell AOC113CS, supporting NBASE-T(5G/2.5G) and 1000BASE-T
Expansion	1*PCIEX16 slot (GEN4),3 PCIEX8 slots (GEN3, X4 signal),2* full-size miniPCIE slot with built-in SIM card slot, 1*M.2 B-key 2242/3052 with built-in SIM card slot
COM	2个RS232/422/485(COM1/2)
USB	6*USB3.2 Gen2X1(10Gbps),1* Built-in USB2.0 port (for dongles)
Front panel interface	1*3.5mm audio interface (speaker-out and mic-in), 1* power switch, 1*VGA, 1*DP, 4* indicator light, 6*USB3.2, 3*LAN, 2*COM, 1* hot-swaddable hard disk slot, 4* expansion slot, 1*M.2 reserved half-port, 1*LAN reserved half-port
Rear panel interface	3-pin + 4-pin DC IN 8-48V with ignition control power input port
Operating system	Windows10/11, Windows server2019, Ubuntu22.04, Kylin, Deepin, UnionTech
Installation method	Wall-mounted installation with shock absorption frame
Power supply	8-48V DC IN
Chassis size	214*400*196mm(width * depth * height)
Weight	About 6.2Kg
Working temperature	With 35W CPU and NVIDIARTX 40 series GPU:-25℃-60℃; with 65W CPU and NVIDIARTX 40 series GPU:-25℃-60℃(with one optional fan assembly), -25℃-50℃(without fan assembly) To meet the wide-temperature condition, both wide-temperature memory and wide-temperature hard drives need to be used simultaneously

1* Power switch
1* Audio port
1*DP
1*VGA
1*LAN reserved port
6*USB3.2
3*LAN
2*COM
5* Expansion slots
1* Hot-swappable hard disk bays
1*M.2 reserved space
1*(3+4)PIN with ignition control DC IN

Dimensions

Unit : mm

196

214

400