

Embedded fanless industrial computer

SIN-3291-Q670E



Main features

intel Q670E
chipset

Core 12/13
generation cpus

Supports up to
64G of memory

2*HDMI
2*DP

2*2.5G dry gigabit
network ports

4*USB2.0
4*USB3.2

5*COM口

1*PCIEx16
4*M.2

Specific parameters	
Chipset	intel 0670E chipset
CPU	LGA1700 supports intel 12/13 generation Alder LaK-S /Raptor LaK-S Core i9/i7/5/i3/ Pentium Celeron processors, with a maximum TDP of 65W and can be paired with auxiliary cooling fans
Memory	2*DDR5 4800MHz(12th generation)15600MHz(13th generation) dual-channel SO-DIMM memory slots, up to 64G
Display	2*DP、2*HDMI
Storage	1*2.5 "SATA SSD, 1*M.2 M-key(2242,SATA CLE Gen.4 x4 interface) supports NVMe. 1*M.2 M-key(2280,SATA Cle Gen.3x4 interface) supports NVMe
Network	1*Intel i225-V2.5GbE 、 1*Intel i225-LM 2.5GbE
COM	2*RS232/422/485 internal leads,2*RS232 internal leads, 1*RS232 internal leads are optional
Expansion	1*PCIEx16(GEN4) supports single-slot expansion cards, 1*M.2 E-key(2230, PCIe x1/USB2.0 interface) supports CNVio and can be used for WIF1, 1*M.2 B-key(3042, 13052) USB3.1/USB2.0/PClex1 interfaces are used for 4G/5G modules and 1*SIM card slots
USB	4*USB3.2(Gen.2), 4*USB2.0 internal lead-out
GPIO	8-bit is optional
Rear panel interface	4*USB3.2, 2*LAN, 2*DP, 2*HDM, 1* audio interface, 4*COM, 1* 3-pin DC IN power interface, 1* expansion slot, 1*COM/GPIO half-hole
Front panel interface	4*USB2.0, 1* switch button, 1* reset button, 1* hard disk indicator light, 1* power indicator light
Audio	Headphone and microphone dual audio interface, Realtek ALC888S sound card
Power supply	DC IN 19V input
Chassis size	306*199*79mm(width * depth * height)
Weight	About 5.5 KG
Support system	Windows 11, Linux
Working temperature	-20 to 60°C(35W CPU)/-20 to 50°C(65W CPU) under the condition of using M.2 interface SSD

