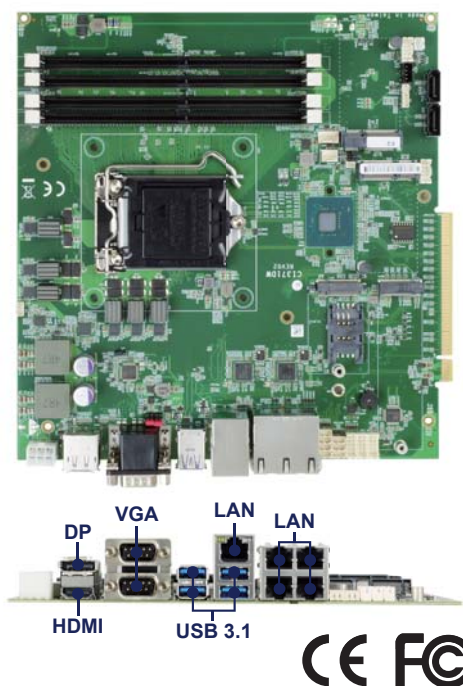


CI371D

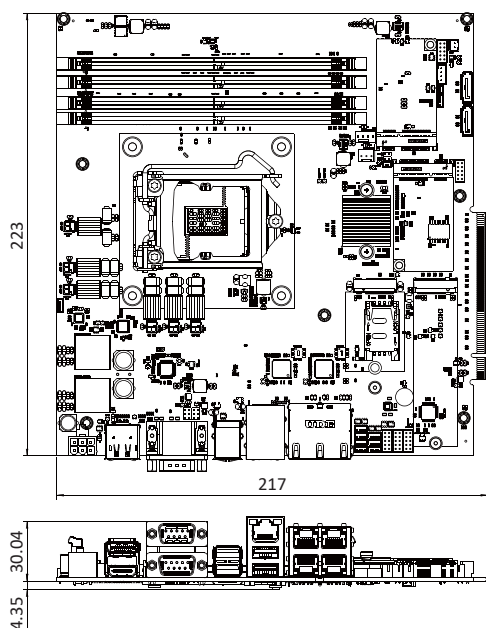
Industrial SBC supports 8th / 9th Gen Intel® Coffee Lake-S, i9 / (65W) i7 / i5 / i3, Pentium / Celeron CPU, Intel® Q370 chipset DP, HDMI, 5 x Intel Gb Ethernet, 11 x USB, 2 x COM, 8DI / 8DO, 2 x Mini PCIe, 1 x PCIe, 1 x SIM, 2 x M.2, SMBus



Features:

- 8th / 9th Gen Intel® Coffee Lake-S, i9 (65W) i7 / i5 / i3 / Pentium / Celeron CPU
- Intel® Q370
- 4 x DDR4 UDIMM, Max. 128GB
- Multiple Independent display: DP & HDMI
- 5 x Intel GbE LAN, 4 x USB 3.1, 7 x USB 2.0, 8DI / 8DO
- 2 x COM, 2 x Mini PCIe, 1 x PCIe, 1 x SIM, 2 x M.2, SMBus
- TPM 2.0

Dimensions: (Unit:mm)



Specifications :

- CPU
8th / 9th Gen Intel® Coffee Lake-S, i9(65W) i7 / i5 / i3 / Pentium / Celeron CPU
- MB Chipset
Intel® Q370
- Graphics
Intel® UHD Graphics, Support DirectX 12 & OpenGL 4.5
- System Memory
4 x DDR4 UDIMM, Max. 128GB
- Storage
2 x SATA ports 3.0 Data transfer rates up to 6.0 Gb/s (600 MB/s)
2 x mini card socket for mSATA
1 x M.2 M key Type 2280 (PCIe x4 + mSATA)
1 x M.2 B key Type 3042 / 3052 / 2280 (PCIe x2 / mSATA / USB 3.0 / USB 2.0)
- BIOS
AMI UEFI BIOS
- Display
1 x DP, 1 x HDMI
- TPM
TPM 2.0
- LAN
1 x Intel GbE I219LM (external), 4 x Intel 2.5 GbE I225-V (external)
- Audio (OEM)
High Definition Audio Specification, Support Line-out / Mic-in / Line-in
- Expansion Interface
1 x Full size Mini PCIe (PCIe / mSATA / USB)
1 x Full size Mini PCIe (PCIe / mSATA / USB)
1 x PCIe x16
1 x M.2 M key Type 2280 (PCIe x4 + mSATA)
1 x M.2 B key Type 3042 / 3052 / 2280 (PCIe x2 / mSATA / USB 3.0 / USB 2.0)
1 x SIM (M.2 B Key)

Expansion Module

PCIe Card via riser Card 2 x USB 3.1, 2 x 10 GbE LAN, 4 x PoE, 4 x GbE

Converter Card CN066: Mini PCIe to M.2 E key 2230, WiFi 6 + BT

Mini Card GPS, 3G / 4G, Wi-Fi, 2 / 4 x LAN, 4 x COM, CANBus, SDI / AHD Video

By Cable Bluetooth, Digital I/O, 2 / 4 PoE, 4 x USB mini card

USB

4 x USB 3.1 (external), 7 x USB 2.0 (internal)

USB Expansion

USB to COM, Mini Card, M.2, Audio board

Serial IO

2 x RS232 / 422 / 485 (external)

*COM1, COM2 pin9 5V / 12V selectable by jumper

GPIO

Hardware digital Input & Output, 8 x DI / 8 x DO

SMBus

1 x SMBus

WDT

Hardware Watch Dog Timer, 0~255 sec programmable

Power Input

DC IN +24V

Dimension

217 x 223 mm

Operation Temperature (100 % CPU Usage)

-20°C~70°C (Core i7 8700T / i7 8700)

Operation Humidity

5~95%, non-condensing

Chassis (OEM I/O Expansion by request)

Box PC: 1U

OS Support

Windows® 10 IOT (64bit), Ubuntu 18.04.2 above, Fedora 29 above