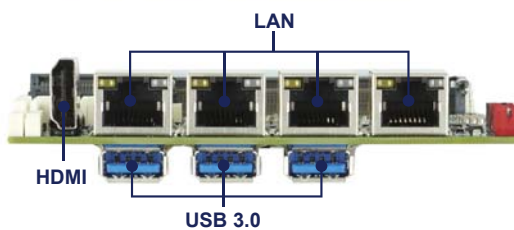


2I810D

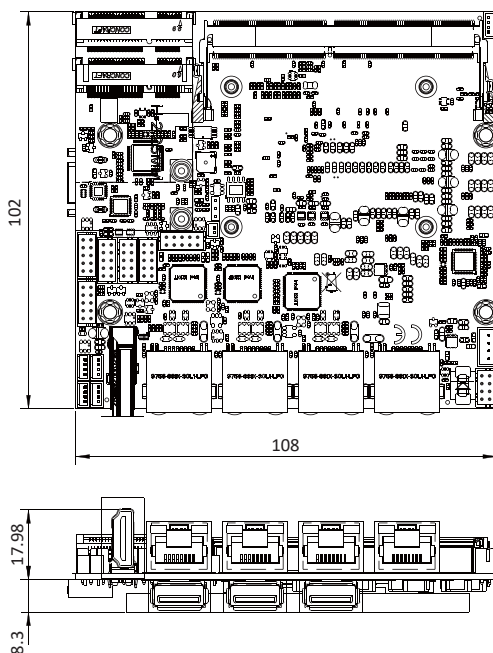
Pico-ITX SBC supports 8th Gen Intel® Whiskey Lake-U CPU, VGA, HDMI, 4 x Intel Gb Ethernet, 4DI / 4DO, 7 x USB, 2 x COM, 2 x Mini PCIe



Features:

- 8th Gen Intel® Whiskey Lake-U, i7 / i5 / i3 / Pentium / Celeron CPU
- 1x DDR4 SODIMM socket, Max. 32GB
- Multiple Independent display: VGA & HDMI
- 4 x Intel GbE LAN, 3 x USB 3.0, 4 x USB 2.0
- 2 x COM, 4DI / 4DO, 2 x Mini PCIe
- TPM 2.0 (Optional)

Dimensions: (Unit:mm)



Specifications :

- CPU
8th Gen Intel® Whiskey Lake-U, i7 / i5 / i3 / Pentium / Celeron CPU
- MB Chipset
Intel® Whiskey Lake-U SoC
- Graphics
Intel® UHD Graphics, Support DirectX 12 & OpenGL 4.5
- System Memory
1 x DDR4 2400 MHz SODIMM, Max. 32GB
- Storage
1 x SATA ports 3.0 Data transfer rates up to 6.0 Gb/s (600 MB/s)
2 x mini card socket for mSATA
- BIOS
AMI UEFI BIOS
- Display
1 x VGA, 1 x HDMI
- TPM
TPM 2.0 (Option)
- LAN
1 x Intel GbE I219LM (external)
3 x Intel GbE I210IT (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 3.0 / USB 2.0)
1 x Half size Mini PCIe (PCIe / mSATA / USB 3.0 / USB 2.0)

Expansion Module

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
3 x USB 3.0 (external) ; 4 x USB 2.0 (internal)
- Serial IO
2 x RS232 / 422 / 485 (internal)
- GPIO
Hardware digital Input & Output, 4 x DI / 4 x DO
- WDT
Hardware Watch Dog Timer, 0~255 sec programmable
- Power Input
DC IN +12V
- Dimension
2.5" (108 x 102 mm)
- Operation Temperature
-20°C~70°C (100 % CPU Usage)
- Operation Humidity
5~95%, non-condensing
- Chassis (OEM I/O Expansion by request)
Box PC: SKY 2, TERA(L)
- OS Support
Windows® 10 IOT (64bit), Ubuntu 18.04.2 above, Fedora 29 above