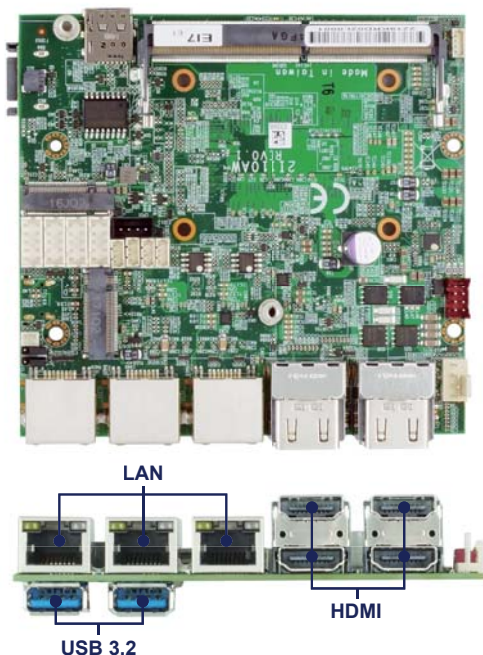


2I110AW

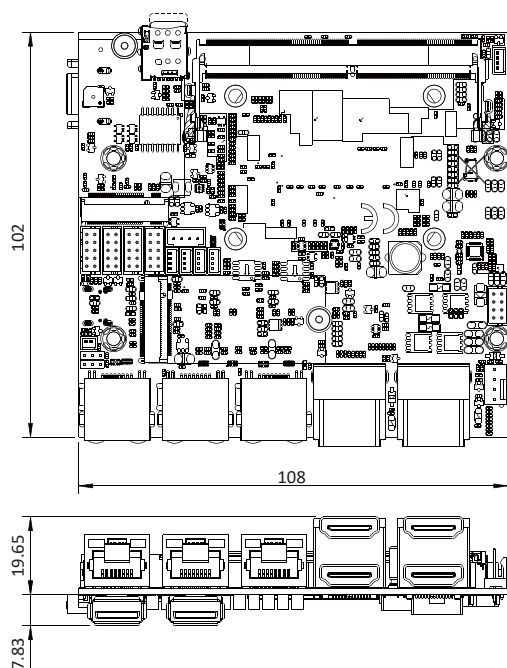
2.5" Plus Embedded SBC supports Intel® 11th Gen Tiger Lake-UP3 i7 / i5 / i3, Celeron CPU, 4 x HDMI, 3 x Intel 2.5Gb Ethernet, 2 x M.2, 1 x Nano SIM 4DI / 4DO, 2 x USB 3.2, 4 x USB 2.0, 2 x COM, SMBus



Features:

- 11th Gen Intel® Tiger Lake-UP3, i7 / i5 / i3 / Celeron CPU
- 1 x DDR4 SODIMM (Max. 32GB)
- Multiple Independent display: 4 x HDMI
- 3 x Intel 2.5 GbE LAN, 2 x USB 3.2 (type A), 4 x USB 2.0
- 2 x COM, 4DI / 4DO, 1 x Nano SIM
- 1 x M.2 B Key, 1 x M.2 M Key
- TPM 2.0, SMBus

Dimensions: (Unit:mm)



Specifications :

- CPU
Intel® Tiger Lake-UP3, i7 / i5 / i3 / Celeron CPU
 - MB Chipset
Intel® Tiger Lake-UP3 SoC
 - Graphics
Intel® UHD Graphics, Support DirectX 12 & OpenGL 4.5
 - System Memory
1 x DDR4 3200 MHz SODIMM, Max 32GB
 - Storage
1 x SATA ports 3.0 Data transfer rates up to 6.0 Gb/s (600 MB/s)
1 x M.2 M key Type 2242 (PCIe x4), Support NVMe, -optional to SATA
 - BIOS
AMI UEFI BIOS
 - Display
4 x HDMI
 - TPM
TPM 2.0 (Firmware)
 - LAN
3 x Intel 2.5 GbE I225-IT (external) w/Core CPU or 3X I225-V w/Celeron CPU
 - Expansion Interface
1 x M.2 B key Type 3042 (PCIe x2 / USB 3.2 / 2.0)
1 x M.2 M key Type 2242 (PCIe x4 / SATA), Support NVMe
1 x Nano SIM
- | Expansion Options | |
|-------------------|---|
| CN064 | M.2 B key 2242 to M.2 E Key 2230, WiFi 6 + BT |
| CN067 | M.2 B key 2242 to M.2 B Key 2252, 4G / 5G (3.7V by BOM Control) |
| CN059 | USB to Line-out / Mic-in |
| CC007 | USB to 4 port COM |
| CIO116G | SMBus to 8DI + 8DO |
| PW351 | 1 port PoE PSE |
| PW352 | 2 port PoE PSE |
| PW301 | 802.3AF / AT PD module |
| PW205 | Wide Range power board (9~36V) with power Ignition on/off delay |
| PW206 | 12V / 24V DC to DC Redundant Power Board |
| PW022 | Wide Range power board (24V / 48V) |
- USB
2 x USB 3.2 (Type A)
4 x USB 2.0 (internal)
 - Serial IO
2 x RS232 / 422 / 485 (internal) ; eSPI
*COM1, COM2 pin9 5V / 12V (Option)
 - GPIO
Hardware digital Input & Output, 4 x DI / 4 x DO
 - SMBus
1 x SMBus
 - WDT
Hardware Watch Dog Timer, 0~255 sec programmable
 - Power Input
Wide Range DC IN +9~36V
 - Dimension
2.5" Plus (108 x 102 mm) ; Weight: 125g
 - Operation Temperature (100% CPU Usage)
-40°C~70°C (Core i GRE series CPU)
-20°C~70°C (Core i G7E / G7 series CPU)
(100% CPU Usage, not-underclocking)
 - Operation Humidity
5~95%, non-condensing
 - Chassis (OEM I/O Expansion by request)
Box PC: SKY 2, TERA
 - OS Support
Windows® 10 IOT ; Windows® 11 IOT
Ubuntu 22.04 above, Fedora 36 above

Specification are subject to change without prior notice. ODM / OEM is available.