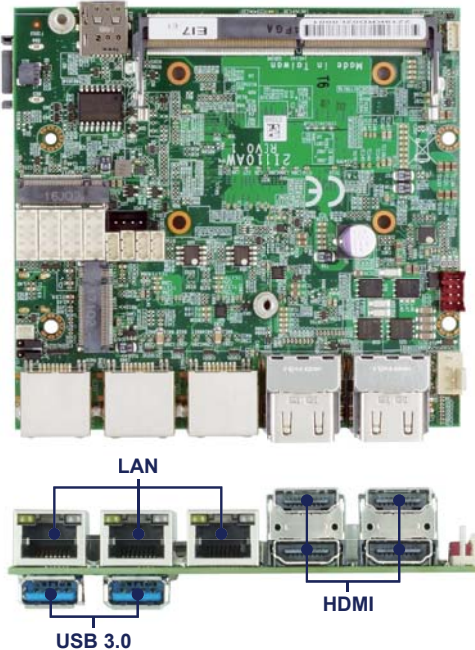


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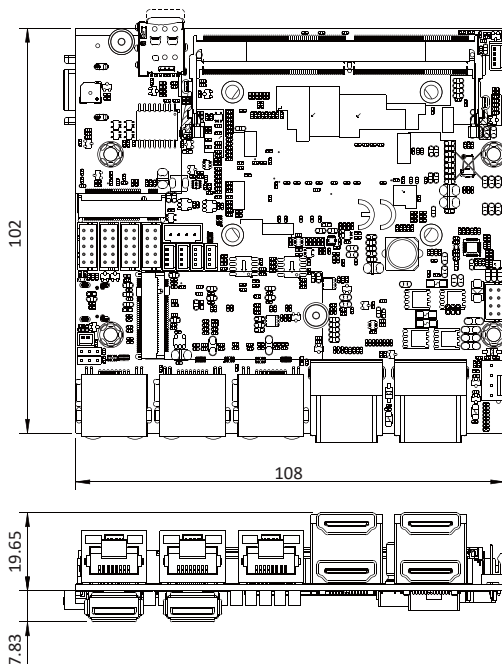
2.5" Embedded SBC supports Intel® 11th Gen Tiger Lake-UP3 i7 / i5 / i3, Celeron CPU, 4 x HDMI, 3 x Intel 2.5Gb Ethernet, 2 x M.2, 1 x Nano SIM 4DI / 4DO, 2 x USB 3.0, 4 x USB 2.0, 2 x COM



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 3.0 (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

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 2.5GbE I225IT (external)
- Expansion Interface
1 x M.2 B key Type 3042 (PCIe / USB 3.0 / 2.0),
1 x M.2 M key Type 2242 (PCIe x4), Support NVMe,
1 x Nano SIM
- USB
2 x USB 3.0 (Type A)
4 x USB 2.0 (internal)
- Serial IO
2 x RS232 / 422 / 485 (internal) ; eSPI
- GPIO
Hardware digital Input & Output, 4 x DI / 4 x DO
- WDT
Hardware Watch Dog Timer, 0~255 sec programmable
- Power Input
Wide Range DC IN +9~36V
- Dimension
2.5" (108 x 102 mm)
- 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 (64bit),
Ubuntu 18.04.2 above, Fedora 29 above