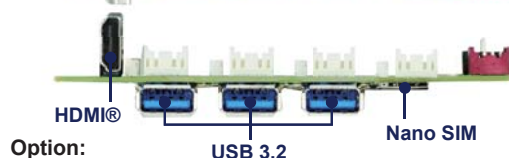


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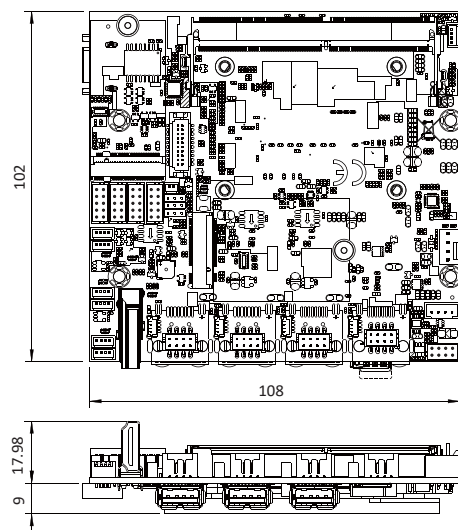
2.5" Plus SBC supports 11th Gen Intel® Core™ Tiger Lake UP3 i7 / i5 / i3 CPU, HDMI, eDP, 4 x Intel Gb Ethernet, 2 x M.2, 1 x Nano SIM, 4DI / 4DO, 3 x USB 3.2, 6 x USB 2.0, 2 x COM, SMBus



Features:

- 11th Gen Intel® Core™ Tiger Lake UP3 i7 / i5 / i3 CPU
- 1 x DDR4 SODIMM (Max. 32GB)
- Multiple Independent display: eDP, 1 x HDMI®
- 4 x Intel GbE LAN, 3 x USB 3.2 (type A), 6 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
 - 11th Gen Intel® Core™ Tiger Lake UP3 i7 / i5 / i3 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 port
 - 1 x M.2 B key Type 2242 / 3042, Support NVMe SSD
 - 1 x M.2 M key Type 2242, Support NVMe SSD, SATA SSD
 - BIOS
 - AMI UEFI BIOS
 - Display
 - 1 x HDMI®, 1 x eDP ; optional to VGA or DVI or HDMI®
 - TPM
 - TPM 2.0 (Firmware) ; OEM Optional to Hardware TPM
 - LAN
 - 1 x Intel GbE I219LM (internal)
 - 3 x Intel 2.5 GbE I226-IT (internal) w/Core CPU or 3 x I226-V w/Celeron CPU
 - Expansion Interface
 - 1 x M.2 B key Type 3042 (PCIe x2 / USB 3.2 / 2.0), 1 x Nano SIM
 - 1 x M.2 M key Type 2242 (PCIe x4 / SATA), Support NVMe
- | 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) |
| DP001 | eDP to VGA |
| eDP003 | eDP to DVI |
| eDP004 | eDP to HDMI® |
| eDP001 | eDP to LVDS (OEM) |
- USB
 - 3 x USB 3.2 (Type A)
 - 6 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
 - DC IN +12V
 - Dimension
 - 2.5" Plus (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)
 - Operation Humidity
 - 5~95%, non-condensing
 - 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.