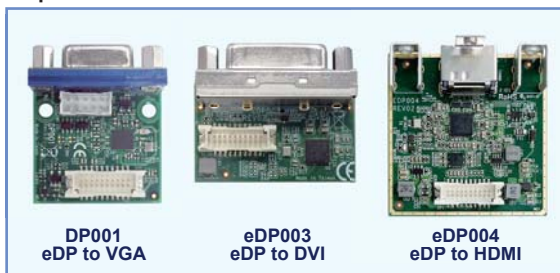


# 2I110H

2.5" SBC supports Intel® 11th Gen Tiger Lake-UP3 i7 / i5 / i3, Celeron CPU, eDP, 4 x Intel Gb Ethernet, 2 x M.2, 1 x Nano SIM  
4DI / 4DO, 3 x USB 3.0, 6 x USB 2.0, 2 x COM, SMBus



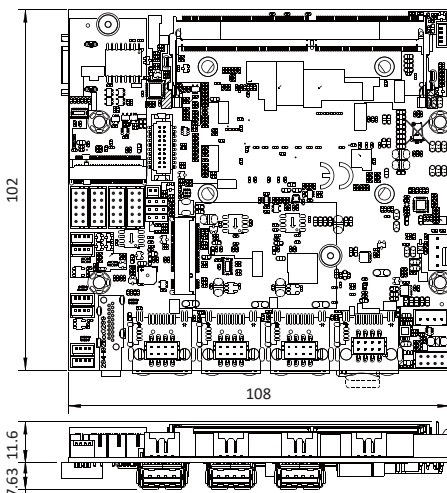
Option:



## Features:

- 11th Gen Intel® Tiger Lake-UP3, i7 / i5 / i3 / Celeron CPU
- 1 x DDR4 SODIMM (Max. 32GB)
- Multiple Independent display: eDP
- 4 x Intel GbE LAN, 3 x USB 3.0 (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  
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 B key Type 3042 (PCIe x2 / USB 3.0 / 2.0)  
1 x M.2 M key Type 2242 (PCIe x4 / SATA), Support NVMe
- BIOS  
AMI UEFI BIOS
- Display  
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 I225 (internal)
- Expansion Interface  
1 x M.2 B key Type 3042 (PCIe x2 / USB 3.0 / 2.0), 1 x Nano SIM  
1 x M.2 M key Type 2242 (PCIe x4 / SATA), Support NVMe

### Expansion Module

<b>Converter Card</b>	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)

- USB  
3 x USB 3.0 (Type A)  
6 x USB 2.0 (internal)
- USB Expansion
- 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" (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 (64bit),  
Ubuntu 18.04.2 above, Fedora 29 above