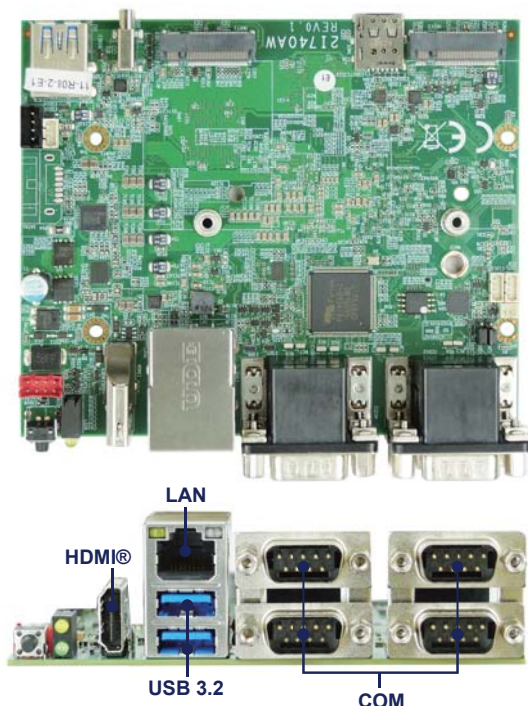


2I740AW

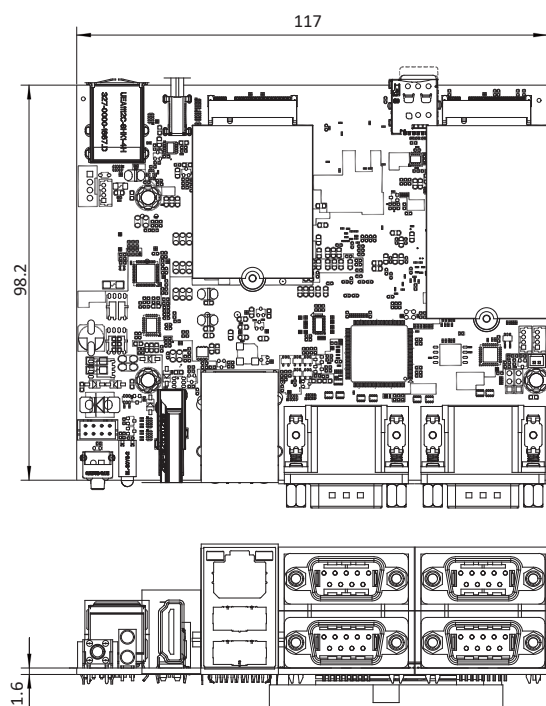
2.5" Plus SBC supports Intel® Amston Lake ATOM® x7000 series CPU
1 x HDMI®, 1 x USB 3.2 Type C DP ALT, 1 x Intel 2.5Gb Ethernet,
5 x USB, 4 x COM, 2 x M.2, 1 x Nano SIM



Features:

- Intel® Amston Lake ATOM® x7000 series CPU
- Onboard LPDDR5, 8GB / 16GB / 32GB
- eMMC 5.1 32GB~256GB (OEM Option)
- Independent display: 1 x HDMI® ; 1 x Type C DP ALT*
- 1 x Intel 2.5 GbE LAN, 4 x USB 3.2, 1 x USB 2.0, 1 x USB 3.2 Type C*
- 4 x COM, 2 x M.2, 1 x Nano SIM
- TPM 2.0

Dimensions: (Unit:mm)



Specifications :

- CPU
Intel® Amston Lake ATOM® x7000 series CPU
- MB Chipset
Intel® Amston Lake SoC
- Graphics
Intel® HD Graphics, Support DirectX 12.1 & OpenGL 4.6
- System Memory
Onboard LPDDR5 4800 MHz, 8GB / 16GB / 32GB
- Storage
1 x M.2 B key Type 2242 / 3042, Support NVMe SSD
1 x M.2 B key Type 2242 / 3042, Support SATA SSD
- BIOS
Insyde UEFI 64BIOS
- Display
1 x HDMI® ;
1 x Type C DP ALT*
(Full-featured: DP Alt Mode, USB 3.2, PD input / output, Touch Screen)
- TPM
TPM 2.0
- LAN
1 x Intel 2.5 GbE I226 (external)
- Expansion Interface
1 x M.2 B Key Type2242 / 3042 (PCIe x2 / USB 2.0)
1 x M.2 B Key Type2242 / 3042 (SATA / PCIe / USB 3.2 / 2.0)-OEM to Type 3052
1 x Nano SIM

Expansion Module

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
4 x USB 3.2 Gen 1 (external) ; 1 x USB 2.0 (internal) ; 1 x USB 3.2 Type C
- Serial IO
4 x RS232 / 422 / 485 *COM1~COM4 Pin9 5V / 12V (option)
- SMBus / I2C
1 x SMBus, 1 x I2C
- WDT
Hardware Watch Dog Timer, 0~255 sec programmable
- Power Input
Wide Range +9~24V
- Dimension
2.5" Plus (117 x 98.2 mm) ; Weight: 120g
- Operation Temperature
-40°C~70°C (100 % CPU Usage)
- Operation Humidity
5~95%, non-condensing
- Chassis (OEM I/O Expansion by request)
Box PC: TERA, FOX
- OS Support

Windows® 10 IOT ; Windows® 11 IOT

Ubuntu 26.04LTS, kernel->7.0.0-14-generic

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