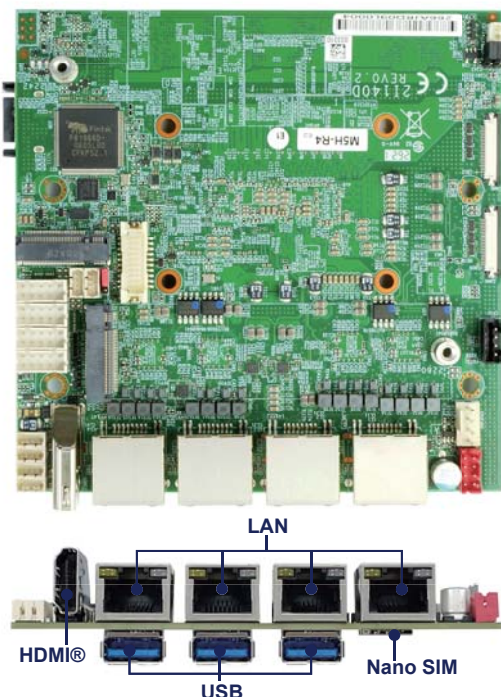


2I140D

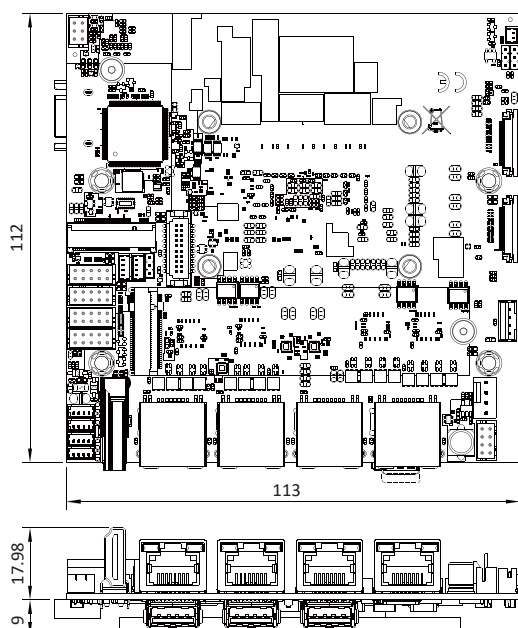
2.5" Plus Embedded SBC supports Intel® Core™ Ultra processors (Meteor Lake-U/H) (Arrow Lake-U/H)
1 x HDMI®, 1 x eDP, 4 x Intel 2.5Gb Ethernet, 2 x MIPI-CSI, 2 x M.2, 1 x Nano SIM, 4DI/4DO, 3 x USB 3.2, 4 x USB 2.0, 2 x COM



Features:

- Intel® Core™ Ultra processors (Meteor Lake-U/H) (Arrow Lake-U/H)
- Onboard 16GB / 32GB LPDDR5
- Multiple Independent display: 1 x HDMI®, eDP
- 4 x Intel 2.5 GbE, 3 x USB 3.2 ; 4 x USB 2.0
- USB Audio wafer (OEM) ; 2 x MIPI-CSI
- 2 x M.2, 1 x Nano SIM, 2 x COM
- TPM 2.0, 4DI / 4DO

Dimensions: (Unit:mm)



Specifications :

- CPU**
Intel® Core™ Ultra 7/5 Series processors (Meteor Lake-U/H) (Arrow Lake-U/H)
- Graphics**
Intel® Arc™ graphics ; Intel® UHD Graphics
- System Memory**
Onboard 16GB / 32GB LPDDR5
- 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 2280 (PCIe x 4), Support NVMe
- BIOS**
AMI UEFI BIOS
- Display**
1 x HDMI®, eDP
- TPM**
TPM 2.0
- LAN**
4 x Intel 2.5GbE I226 (external)
- Expansion Interface**
1 x M.2 M key Type 2280 (SATA / PCIe x 4), Support NVMe,
1 x M.2 B key Type 2242 / 3042 (PCIe x2 / USB 3.0 / USB 2.0)

Expansion Module

CN064	M.2 B + M 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	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-external)
4 x USB 2.0 (internal) ; USB Audio wafer (OEM)
- Serial IO**
2 x RS232 / 422 / 485 (internal)
- MIPI-CSI**
2 x MIPI-CSI
- GPIO**
Hardware digital Input & Output, 4 x DI / 4 x DO
- SMBus / I2C**
1 x SMBus & I2C
- WDT**
Hardware Watch Dog Timer, 0~255 sec programmable
- Power Input**
DC IN +12V
- Dimension**
2.5" Plus (113 x 112 mm), Weight: 120g
- Operation Temperature**
-20°C~70°C, (100% CPU Usage, not-underclocking)
-40°C (*Cold boot requires optional heater solution)
- Operation Humidity**
5~95%, non-condensing
- Chassis (OEM I/O Expansion by request)**
Box PC: SKY 2, ROCK, FOX
- OS Support**
Windows 10/11 (64bit)
Linux Ubuntu 22.04/Kernel 5.15

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