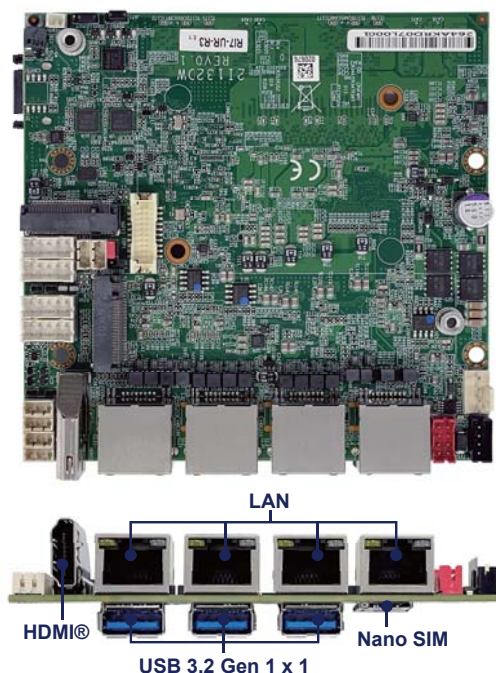


2I132DW

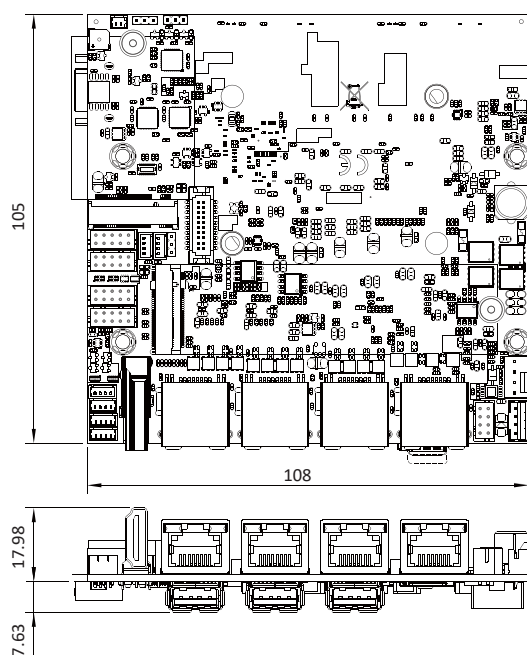
2.5" Embedded SBC supports
Intel® 13th Gen Raptor Lake-U /
Intel® 12th Gen Alder Lake-U Core i CPU
1 x HDMI®, 1 x eDP, 4 x Intel 2.5Gb Ethernet, 2 x M.2, 1 x Nano SIM
4DI/4DO, 3 x USB3.0, 4 x USB 2.0, 2 x COM



Features:

- Intel® 13th Gen Raptor Lake-U i7 / i5 / i3 CPU
- Onboard LPDDR5, 16GB / 32GB
- Multiple Independent display: HDMI®, eDP
- 4 x Intel 2.5 GbE LAN, 3 x USB 3.0 (type A), 4 x USB 2.0
- 2 x COM, 4DI/4DO, 2 x M.2, 1 x Nano SIM
- TPM 2.0

Dimensions: (Unit:mm)



Specifications :

- CPU**
 - Intel® 13th Gen Raptor Lake-U i7 / i5 / i3 CPU
 - Intel® 12th Gen Alder Lake-U i7 / i5 / i3, Celeron CPU
- MB Chipset**
 - Intel® Raptor Lake / Alder Lake SoC
- Graphics**
 - Intel UHD Graphics
- System Memory**
 - Onboard LPDDR5, 16GB / 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 2280 (SATA / PCIe x4), Support NVMe
 - 1 x M.2 B key Type 2242 / 3042 (PCIe x2 / USB 3.2 / 2.0)
- BIOS**
 - AMI UEFI BIOS
- Display**
 - 1 x HDMI®, 1 x 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 x4), Support NVMe
 - 1 x M.2 B key Type 2242 / 3042 (PCIe x2 / USB 3.2 / 2.0)
 - 1 x Nano SIM

Expansion Options

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	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 Gen 1 x 1 (Type A-external)
 - 4 x USB 2.0 (internal)
- Serial IO**
 - 2 x RS232 / 422 / 485 (internal)
 - *COM1, COM2 pin9 5V / 12V (Option)
- 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**
 - Wide Range DC IN +9~36V
- Dimension**
 - 2.5" (108 x 105 mm) ; Weight: 115g
- Operation Temperature (100% CPU Usage)**
 - 40°C~70°C
 - (under specific environmental & CPU power consumption conditions.)
- Operation Humidity**
 - 5~95%, non-condensing
- Chassis (OEM I/O Expansion by request)**
 - SKY 2, ROCK, FOX
- OS Support**
 - Windows 10/11 (64bit)
 - Linux Ubuntu 22.04 above, Fedora 36 above