



- Intel®11<sup>th</sup> Gen (Tiger Lake Core™ Processors
- Nvidia GeForce MXM graphics card
- Onboard 4 HDMI display interface
- 1 GigE LAN 1 2.5Gbps LAN
- 3 M.2 Socket :2 M.2 Key M for SSD
- 2 USB3.0 4 USB2.0, 1 TYPE-C
- 19V DC-In



Power Button

USB2.0

TYPE-C



DC-IN

GPIO

HDMI IN

HDMI OUT

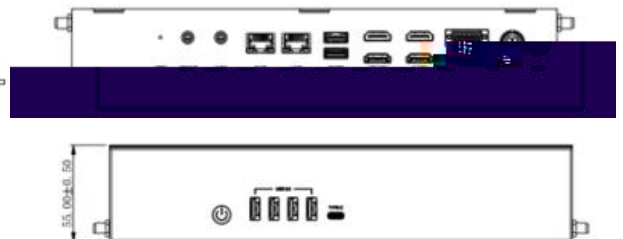
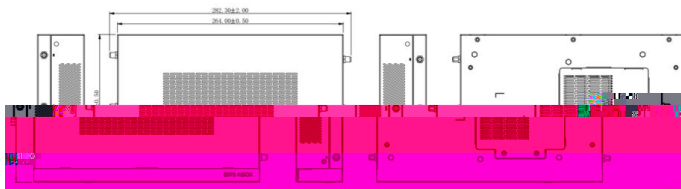
USB3.2

RJ45(1Gbps)

RJ45(2.5Gbps)

Mic In

Line Out



|                  |                    |                                                                                                                                                       |
|------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processor System | CPU                | Intel®Tiger Lake U CPU TDP Max 15W                                                                                                                    |
|                  | GPU                | NVIDIA Graphics Card                                                                                                                                  |
|                  | NPU                | Non-Support                                                                                                                                           |
|                  | Memory             | 2 x SODIMM DDR4 3200Mhz Up to 64GB                                                                                                                    |
| Expansion        | Interface          | 1 x M.2 (KEY M 2280) for SSD/NVME SSD<br>1 x M.2 (KEY M 2280) for SATA SSD<br>1 x M.2(KEY B 3052/3042) for 5G                                         |
| Graphics         | Graphics Processor | Intel®UHD Graphics                                                                                                                                    |
|                  | Interface          | HDMI2.0 Out Max resolution up to 4096x2160@60Hz<br>HDMI1.4 IN Max resolution up to 4096x2160@30Hz<br>DP1.2(TYPE-C Max resolution up to 4096x2160@60Hz |
| Storage          | Storage Device     | M.2 SSD                                                                                                                                               |
| GNSS             | GNSS               | Non-support                                                                                                                                           |
| Audio            | Audio Codec        | ALC897                                                                                                                                                |
|                  | Interface          | 1 x 3.5mm Line Out 1 x 3.5mm Mic In                                                                                                                   |
| Network          | Ethernet           | 1 x Intel GbE LAN<br>1 x Intel 2.5Gbps LAN                                                                                                            |
|                  | WIFI               | 1 x M.2 2230 with PCIe and USB2.0 for WIFI/BT Module                                                                                                  |
| I/O interface    | LED                | 1 x Power LED                                                                                                                                         |
|                  | USB                | 4 x USB2.0 TYPE-A 2 x USB3.0 TYPE-A 1 x TYPE-C USB3.0                                                                                                 |
|                  | Serial             | Non-support                                                                                                                                           |
|                  | Others             | 1 x 12 Pole Phoenix GPIO                                                                                                                              |
| Power            | Power Input        | 19V DC-In                                                                                                                                             |
|                  | Power Interface    | 4Pin DC JACK                                                                                                                                          |
| Others           | OS Supports        | Linux/Windows10/Windows11                                                                                                                             |
|                  | Watchdog           | Support                                                                                                                                               |
|                  | TCM/TPM            | Onboard TPM2.0 IC                                                                                                                                     |
|                  | Antenna            | 2 x WIFI Ant 4 x 4G/5G Ant                                                                                                                            |
| Mechanical       | Dimensions         | 264mm(L) 172mm(W) 55mm(H)                                                                                                                             |
|                  | Mounting           | Desk/Wall-mounting                                                                                                                                    |
| Environment      | Operating Temp.    | 0~40                                                                                                                                                  |
|                  | Humidity           | 10%~90% Humidity, non-condensing                                                                                                                      |
|                  | Storage Temp.      | -20~70                                                                                                                                                |
|                  | Humidity           | 5%~95% Humidity, non-condensing                                                                                                                       |



| Model  | GeForce | Display | LAN | USB3 | USB2 | TYPE-C | Adapter | M.2 |
|--------|---------|---------|-----|------|------|--------|---------|-----|
| E078-A | GTX1650 | 4       | 2   | 2    | 4    | 1      | 1       | 3   |
| E078-B | RTX3050 | 4       | 2   | 2    | 4    |        |         |     |