



# S084

Intel Tiger Lake Platform Processor



## CPU

|            |                               |
|------------|-------------------------------|
| <b>CPU</b> | Intel® Tiger Lake-U Processor |
| <b>TDP</b> | 28 W                          |

## Display

|                       |                                                                             |
|-----------------------|-----------------------------------------------------------------------------|
| <b>Graphic card</b>   | Intel® Iris® Xe Graphics                                                    |
| <b>Multi displays</b> | Support three displays                                                      |
| <b>Interface</b>      | 1 x Type-C(4K60Hz), 1 x HDMI2.0(4K60Hz)<br>1 x 80PIN(HDMI2.0 4K60Hz output) |

## System

|                           |                                                                            |
|---------------------------|----------------------------------------------------------------------------|
| <b>Memory</b>             | Dual SoDIMM DDR4 Max. 32 GB                                                |
| <b>Storage</b>            | 1* M.2 Key M 2280 Size For NVMe SSD<br>1* M.2 Key M 2280 Size For SATA SSD |
| <b>OS</b>                 | Window11 /Windows10/ Linux                                                 |
| <b>WatchDog</b>           | Support                                                                    |
| <b>Auto Power On</b>      | Yes                                                                        |
| <b>RTC</b>                | Yes                                                                        |
| <b>Power Input</b>        | 12-19v 2.5/5.5 DC Jack & JAE 80pin DC IN                                   |
| <b>Dimension</b>          | Comply with OPS Standard<br>119mm(L) x 180mm(W) x 30mm(H)                  |
| <b>Operating Temp.</b>    | -5~45°C                                                                    |
| <b>Operating Humidity</b> | 10%~90% non-condensing                                                     |
| <b>Storage Temp</b>       | -20~70°C                                                                   |
| <b>Storage Humidity</b>   | 5%~95% non-condensing                                                      |

## Network

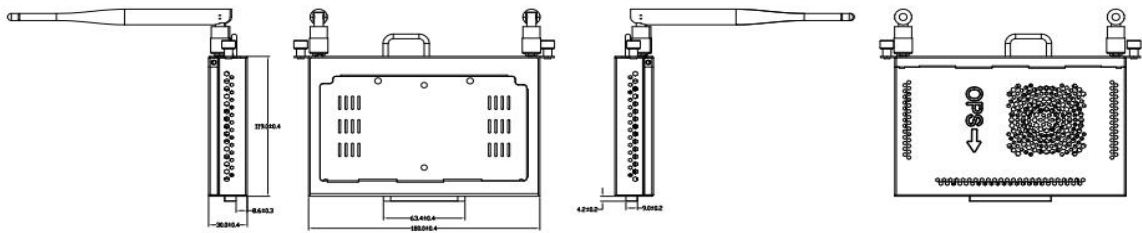
|                           |                                      |
|---------------------------|--------------------------------------|
| <b>Lan IC</b>             | 1 x Intel Ethernet Connection I219LM |
| <b>Lan Interface</b>      | 10/100/1000Mbps                      |
| <b>Lan Connector</b>      | 1 x RJ45 Port                        |
| <b>Wireless Type</b>      | Wi-Fi/BT module                      |
| <b>Wireless Interface</b> | 1 x M.2 2230 slot for WIFI_BT module |
| <b>4G/5G</b>              | Optional                             |

## I/O interface

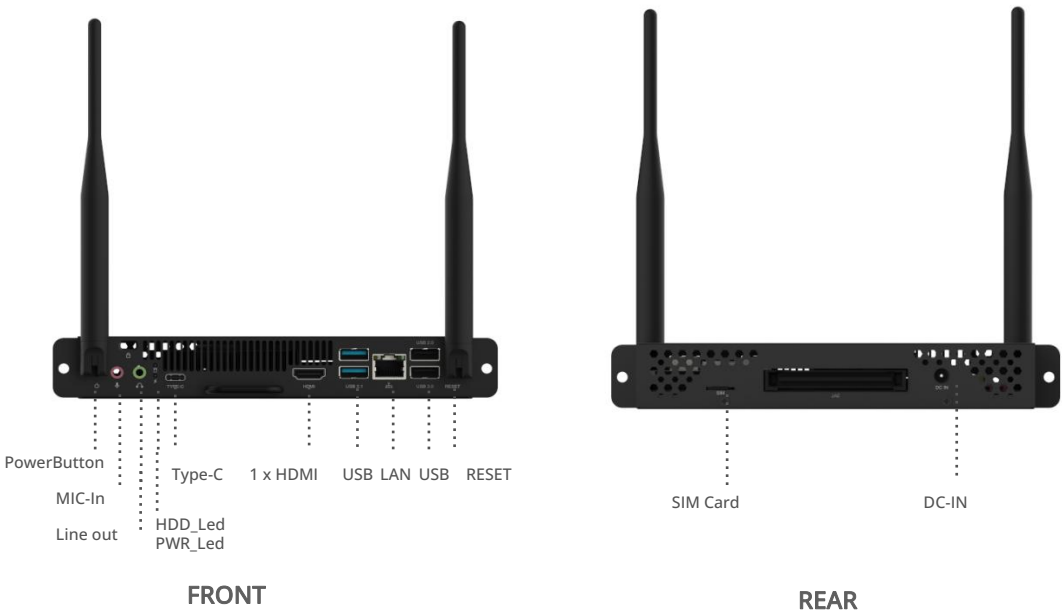
|                    |                                                                                                        |
|--------------------|--------------------------------------------------------------------------------------------------------|
| <b>Serial Port</b> | 1 x RS232 COM(optional)                                                                                |
| <b>USB</b>         | 2 x USB 3.1, 2 x USB 2.0, 1 x Type-C(USB3.1 and 4K display signal)                                     |
| <b>Button</b>      | 1 x PowerButton, 1 x Clear CMOS Key                                                                    |
| <b>SIM CARD</b>    | 1 x SIM Card Slot (optional)                                                                           |
| <b>AUDIO</b>       | 1 x Line Out ; 1 x MIC-In                                                                              |
| <b>POWER</b>       | 1 x 2.5/5.5 DC-IN Connector                                                                            |
| <b>JAE</b>         | 1 x 80PIN JAE Support 1 x HDMI2.0 4K60Hz output 2 x USB2.0, 1 x USB3.0, 1 x TTL, other control signals |

S084 OPS module is based on Intel 11th Gen Tiger Lake-U platform design, which deliver Intel Iris Xe Graphics performance for the education or conference solution. S084 complying with Intel Open Pluggable specification, can be easily installed, upgraded and maintained.

DIMENSIONS



I/O VIEW



| MODEL        | DESCRIPTION                                                                                  |
|--------------|----------------------------------------------------------------------------------------------|
| S084-I3      | S084 I3-1115G4/2X SoDIMM DDR4/1 X Intel I219LM/WIFI6/1X ALC897/2 X M.2 SLOT FOR SSD/No-vPro  |
| S084-I5      | S084 I3-1135G7/2X SoDIMM DDR4/1 X Intel I219LM/WIFI6/1X ALC897/2 X M.2 SLOT FOR SSD/No-vPro  |
| S084-I5 vPro | S084 I5-1145G7/2X SoDIMM DDR4/1 X Intel I219LM/WIFI6/1X ALC897/2 X M.2 SLOT FOR SSD/vPro     |
| S084-I5      | S084 I5-11320H/2 X SoDIMM DDR4/1 X Intel I219LM/WIFI6/1X ALC897/2 X M.2 SLOT FOR SSD/No-vPro |
| S084-I7      | S084 I7-1165G7/2 X SoDIMM DDR4/1 X Intel I219LM/WIFI6/1X ALC897/2 X M.2 SLOT FOR SSD/No-vPro |
| S084-I7 vPro | S084 I7-1185G7/2 X SoDIMM DDR4/1 X Intel I219LM/WIFI6/1X ALC897/2 X M.2 SLOT FOR SSD/No-vPro |

| SPECIES     | PACKAGE LIST  |
|-------------|---------------|
| Adapter     | Power Adapter |
| Antenna     | x 2           |
| User Manual | x 1 (English) |