



S084

Intel Tiger Lake Platform Processor



CPU

CPU	Intel® Tiger Lake-U Processor
TDP	20 W

Display

Graphic card	Intel® Iris® Xe Graphics
Multi displays	Support three displays
Interface	1 x Type-C(4k60Hz), 1 x HDMI2.0(4K60Hz) 1 x 80PIN(HDMI2.0 4K60Hz output)

System

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

Network

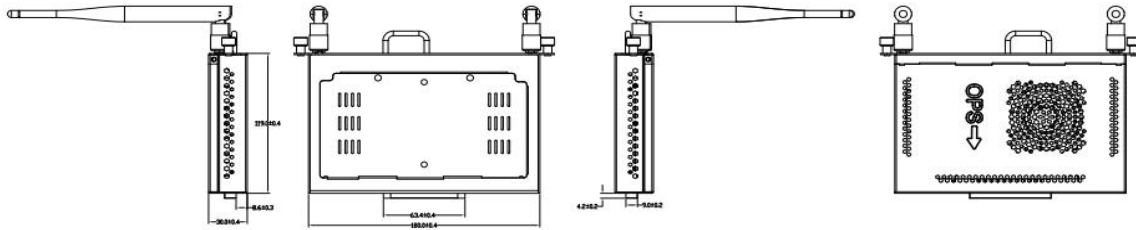
Lan IC	1 x Intel Ethernet Connection I219LM
Lan Interface	10/100/1000Mbps
Lan Connector	1 x RJ45 Port
Wireless Type	Wi-Fi/BT module
Wireless Interface	1 x M.2 2230 slot for WIFI_BT module
4G/5G	Optional

I/O interface

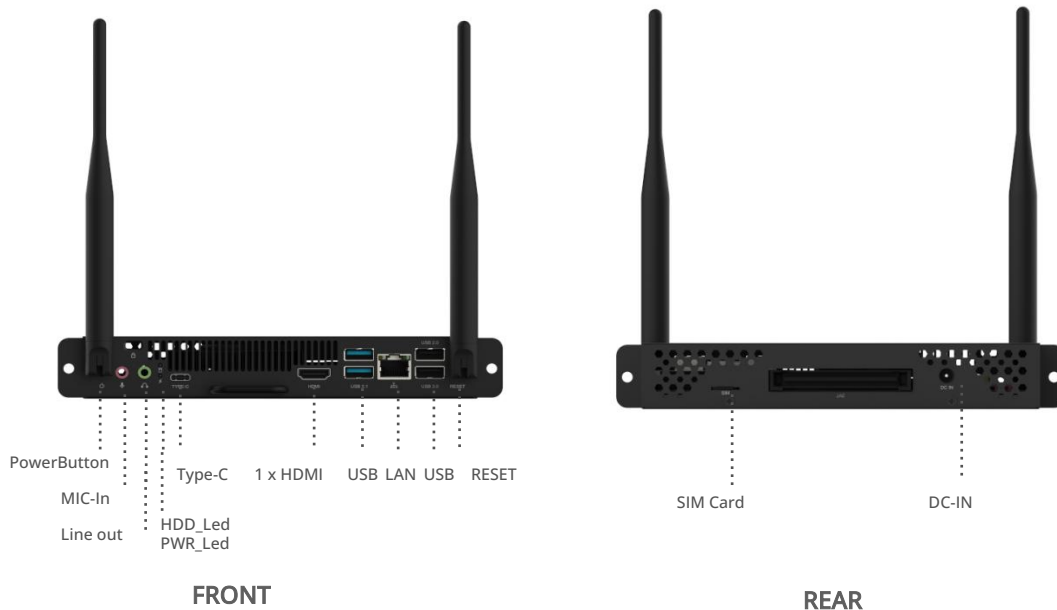
Serial Port	1 x RS232 COM(optional)
USB	2 x USB3.1, 2 x USB 2.0, 1 x Type-C(USB3.1 and 4K display signal)
Button	1 x PowerButton, 1 x Clear CMOS Key
SIM CARD	1 x SIM Card Slot(optional)
AUDIO	1 x Line Out ; 1 x MIC-In
POWER	1 x 2.5/5.5 DC-IN Connector
JAE	1 x 80PIN jJAE Support 1 x HDMI2.0 4K60Hz output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

RoHS FC CE