

S084

Intel TIGER LAKE Platform OPS Module

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.



- Based on Intel Tiger Lake-U platform design
- Provide dual channel SoDIMM DDR4 slot
- Provide 1 x M.2 Key M 2280 size for NVMe SSD
- Provide 1 x M.2 Key B 2242 size for SATA SSD or 4G module card
- Provide 2 x USB3.1, 2 x USB2.0, 1 x Type-C
- Support WIFI6
- Support 4G mobile network
- Support 1000M Ethernet RJ45 port
- OPS Interface: Provide 1 x HDMI2.0 4K60Hz
- OPS Interface: Provide 2 x USB2.0, 1 x USB3.0, 1 x TTL .
- Support Physical TPM security encryption module
- Support WIN10/Linux OS.

Specifications

| | | |
|-------------------------|--------------------|---|
| Processor System | CPU | Intel® Tiger Lake-U Processor, TDP. 20W |
| | Chipset | SOC |
| | BIOS | AMI UEFI BIOS |
| Graphics | Graphics 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) |
| Memory | Type | Dual channel SO-DIMM DDR4-3200MHz |
| | Max | 32GB |
| Ethernet | Lan IC | 1 x Intel Ethernet Connection I219LM |
| | Interface | 10/100/1000Mbps |
| | Connector | 1 x RJ45 |
| Wireless | Type | Wi-Fi/BT module |
| | Interface | 1 x M.2 2230 slot for WIFI_BT module |
| Storage | Type | NVMe/SATA |
| | Interface | 1 x M.2 2280 size for NVMe SSD 1 x M.2 2242 size for SATA SSD |
| IO Interface | Front panel | 1 x Type-C(4K60Hz), 1 x HDMI2.0 2 x USB 3.1, 2 x USB 2.0, 1 x Type-C(USB3.1 and 4K display signal) 1 x RJ45 1 x COM RS232 (Optional) 1 x MIC IN, 1 x Line out 2 x Wi-Fi/BT ANT |
| | OPS Interface | 1 x 2.5/5.5 DC IN JACK 1 x HDMI2.0 4K60Hz output 2 x USB2.0, 1 x USB3.0 1 x TTL |
| Software | OS Supports | Windows10/Windows11/Linux |
| | Watchdog | Support |
| | vPro/AMT | Support |
| | TPM | Support |
| Power | Power input | 12~19V DC IN, 2.5/5.5 DC Jack & JAE 80pin DC IN |
| Size | Dimension | Comply with OPS standard module. 119(L) x 180(W) x 30(H) mm |
| Certification | Certification | CB/CE/FCC |
| Environment | Operating Temp. | -5~45°C |
| | Operating Humidity | 10%~90% non-condensing |
| | Storage Temp. | -20~70°C |
| | Operating Humidity | 5%~95% non-condensing |

