



S104

Intel Alder Lake-P Platform Processor



CPU

CPU	Intel® Alder Lake-P Processor
TDP	28W

Display

Graphic card	Intel® Iris® Xe Graphics
Multi displays	4 simultaneous 4 displays
Interface	1 x DP1.4 (8K30Hz), 1 x HDMI1.4 (4K30Hz), 1 x Type-C (4K60Hz) 1 x 80PIN (1 x HDMI2.0 4K60Hz)

System

Memory	Dual channel SO-DIMM DDR5-4800MHz MAX 32G
Storage	1 x M.2 2280 size for NVMe/SATA SSD
OS	Windows11/Linux
WatchDog	Support
Auto Power On	Yes
RTC	Yes
Power Input	12~19V DC IN, 2.5/5.5 DC Jack & JAE 80p
Dimension	119mm(L) x 180mm(W) x 30mm(H)
Operating Temp.	-5~45°C
Operating Humidity	10%~90% non-condensing
Storage Temp	-20~70°C
Storage Humidity	10%~90% non-condensing

Network

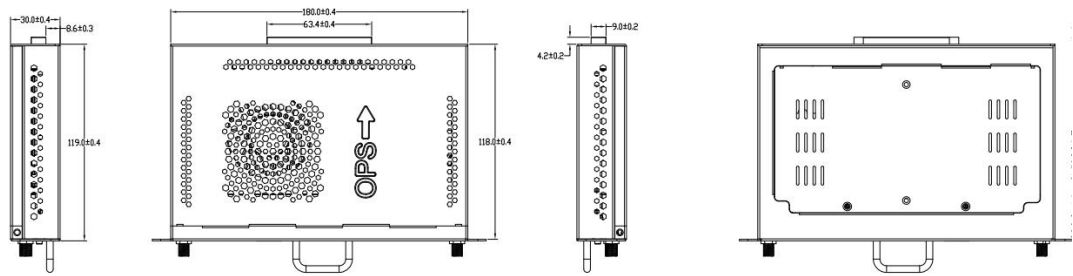
Lan IC	1 x Realtek 8111H Co-Lay Intel Ethernet Connection I226LM
Lan Interface	10/100/1000Mbps
Lan Connector	1 x RJ45 Port
Wireless Type	WIFI_BT module
Wireless Interface	1 x M.2 2230 slot for WIFI_BT module
4G/5G	Optional

I/O interface

Display	1 x HDMI1.4 (4K@30Hz) 1 x DP1.4(8K30Hz)
USB	2 x USB 2.0, 2 x USB3.1 1 x Type-C (USB3.1)
Button	1 x PowerButton, 1 x Clear CMOS Key
Slot	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 JAE Support 1 x HDMI2.0 4K60Hz output, 2 x USB2.0, 1 x USB3.0, 1 x TTL

S104 OPS module is based on Intel 12th Gen Alder lake-P platform design, which deliver Intel Hybrid Technology ArchitectureE+P cores performance for the education or conference solution. S104 complying with Intel Open Pluggable specification, canbe easily installed, upgraded and maintained. Besides, the OPS also has Intel vPro technology and TPM2.0 features todeliverremote manageability and data security.

DIMENSIONS



I/O VIEW



MODEL	DESCRIPTION
S104-I3	S104 I3-1215U/2x SoDIMM DDR5/1x RTL8111H/ WiFi6/1x ALC897/1x M.2 2280 SATA/NVMe SSD 2x HDMI/1 x DP/TPM2.0/NovPro
S104-I5	S104 I5-1235U/2x SoDIMM DDR5/1x RTL8111H/ WiFi6/1x ALC897/1x M.2 2280 SATA/NVMe SSD 2x HDMI/1 x DP/TPM2.0/NovPro
S104-I5 vPro	S104 I5-1235U/2x SoDIMM DDR5/1x Intel I226LM/ WiFi6/1x ALC897/1x M.2 2280 SATA/NVMe SSD 2 x HDMI/1 x DP/TPM2.0/vPro
S104-I7	S104 I7-1255U/2x SoDIMM DDR5/1x RTL8111H /WiFi6 /1x ALC897/1x M.2 2280 SATA/NVMe SSD 2x HDMI/1x DP/TPM2.0/NovPro
S104-I7 vPro	S104 I7-1255U/2x SoDIMM DDR5/1x Intel I226LM/ WiFi6/1x ALC897/1x M.2 2280 SATA/NVMe SSD 2 x HDMI/1 x DP/TPM2.0/vPro

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