



S104PLUS

Intel RAPTOR LAKE-P Platform



CPU

CPU	Intel® Raptor Lake-P Processor
TDP	28W

System

Memory	Dual channels SO-DIMM DDR5-5200MHz Max. 32 GB
Storage	1 x KeyM M.2 2280 NVMe/SATA SSD 1 x KeyB M.2 2242 SATA SSD
OS	Windows11/Linux
WatchDog	Support
Auto Power On	Yes
RTC	Support
Power Input	12~19V 2.5/5.5 DC-In Jack & JAE 80PIN
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

Display

Graphic card	Intel® Iris® Xe Graphics
Multi displays	3 simultaneous 3 displays
Interface	2 x HDMI out (4K @30Hz) 1 x JAE 80PIN (1 x HDMI out 4K @60Hz)

Network

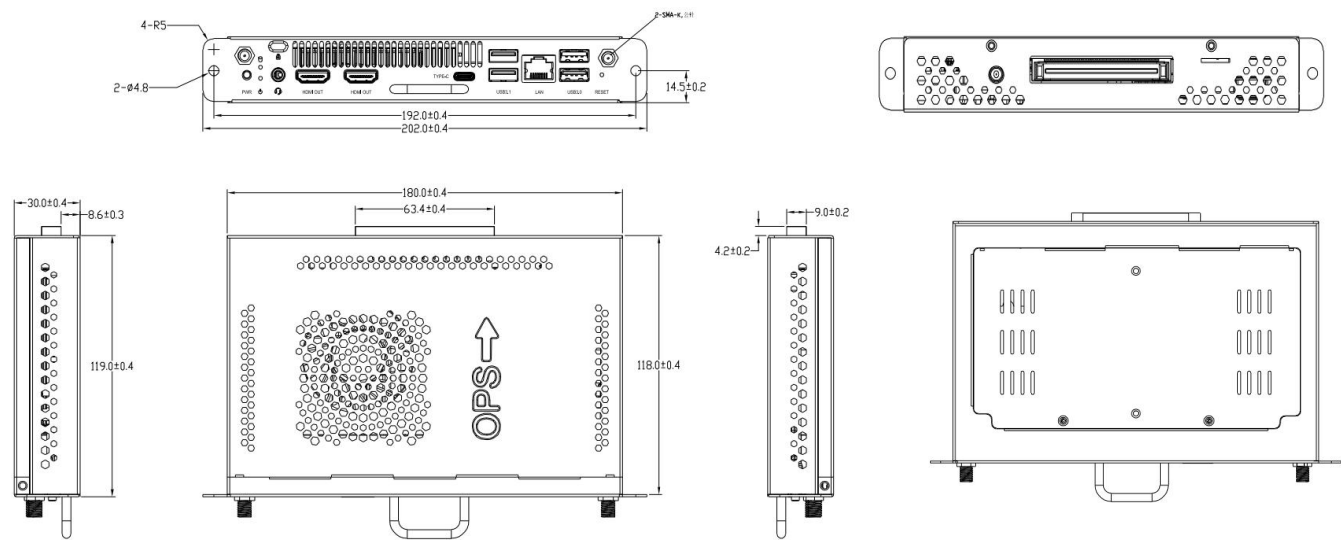
Lan IC	1 x Realtek 8111H OR 1 x Intel Ethernet connection I226LM
Lan Interface	10/100/1000Mbps /2.5 Gbps
Lan Connector	1 x RJ45 Port
Wireless Type	M.2 KeyE 2230 Interface (Mini PCIe/USB2.0 Or CNVI Interface)
Wireless Interface	Intel AX101/ Intel AX201
4G	Quectel EM05-E/G (Optional)

I/O interface

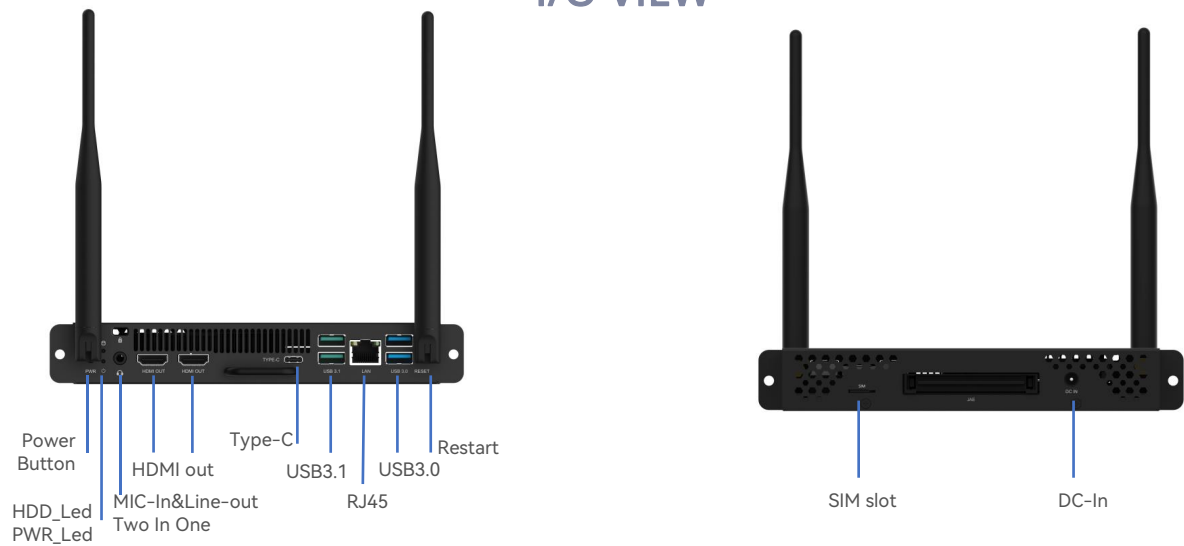
Display	1 x HDMI1.4 (4K @30Hz) 1 x HDMI-out or 1 x HDMI-in (optional)
USB	2 x USB3.1 Type-A, 2 x USB3.0 Type-A 1 x Type-C (USB3.0)
Button	1 x PowerButton, 1 x Reset Button
Slot	1 x SIM card
AUDIO	1 x Line Out & MIC-In 2 In 1 connector
POWER	1 x 2.5/5.5 DC-IN Connector
JAE	1 x HDMI-out 4K @60Hz output, 2 x USB2.0, 1 x USB3.0, 1 x TTL

S104Plus OPS module is based on Intel 13th Gen Raptor lake-P platform design, which deliver Intel Hybrid Technology ArchitectureE+P cores performance for the education or conference solution. S104Plus complying with Intel Open Pluggable specification, canbe easily installed, upgraded and maintained. Besides, the OPS also has Intel vPro technology and TPM2.0 features to deliver remote manageability and data security.

DIMENSIONS



I/O VIEW



MODEL	DESCRIPTION
S104 Plus-I5	I5-1335U /2 x SoDIMM DDR5/1x RTL8111H/ WiFi6/ ALC897/ 2 x M.2 SSD/ 2 x HDMI Out/1x Type-C / TPM2.0
S104 Plus-I7	I7-1355U /2 x SoDIMM DDR5/1x RTL8111H/ WiFi6/ ALC897/ 2 x M.2 SSD/ 2 x HDMI Out /1 x Type-C/ TPM2.0

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