



S124

Intel Meteor Lake Platform Processor



CPU

CPU	Intel® Core™ Ultra Processor
TDP	28W

System

Memory	Dual channel SO-DIMM DDR5-5600MHz MAX 32G
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	Support
RTC	Support
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

Display

Graphic card	Intel® Arc™ graphics
Multi displays	3 simultaneous 3 displays
Interface	2 x HDMI1.4, 1 x 80PIN (1 x HDMI2.0 4K60Hz, 1 x DP1.4 5k60Hz)

Network

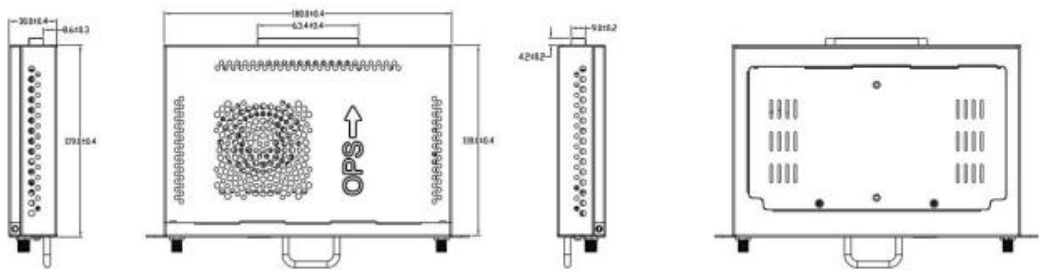
Lan IC	1 x Intel Ethernet Connection I219LM Co-Lay RTL8125 Co-LayRTL8111K
Lan Interface	10/100/1000Mbps
Lan Connector	1 x RJ45 Port
Wireless Type	WIFI_BT module
Wireless Interface	1 x M.2 2230 slot for WIFI_BT module
4G/5G	Optional

I/O interface

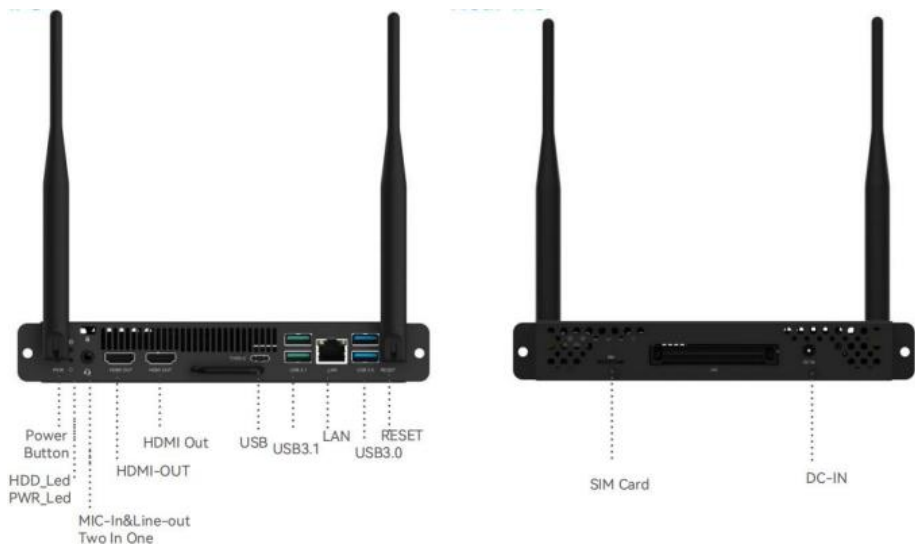
Display	2 x HDMI1.4 (4K@30Hz)
USB	2 x USB3.2 Gen2 ,2 x USB3.2 Gen1 Co-Lay USB2.0 Type-A ,1 x Type-c(USB3.2 Gen2)
Button	1 x PowerButton, 1 x Clear CMOS Key
Slot	1 x SIM Card Slot (Optional)
AUDIO	1 x Line out & MIC-In 2 In 1 connector
POWER	1 x 2.5/5.5 DC-IN Connector
JAE	1 x 80PIN JAE Support: 1 x HDMI2.0 4K60Hz output,1 x DP1.4 5K60Hz output 2 x USB2.0, 1 x USB3.0,1 x TTL

S124 OPS module is based on Intel 14th Gen Meteor Lake 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
S124- Ultra 5	S124 Ultra 5 /2x SoDIMM DDR5/1x Intel I219LM/ WiFi6/1x ALC897/1x M.2 2280 SATA/NVMe SSD 3x HDMI-out /TPM2.0/Type-C/vPro
S124- Ultra 7	S124 Ultra 7 /2x SoDIMM DDR5/1x Intel I219LM/ WiFi6/1x ALC897/1x M.2 2280 SATA/NVMe SSD 3x HDMI-out /TPM2.0/Type-C/vPro

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