

S1206 1U 12Bay

AMD EPYC™ 9005 Server Barebone



1U 12Bay AMD EPYC™ 9005 General Server

Dual socket AMD EPYC SP5 server platform in a 1U chassis with 12 U.2 NVMe SSD bays, 3 LP PCIe 5.0 x16 expansion slots, onboard 2-port GbE LANs, and support for one OCP3 NIC mezzanine

Applications

A general-purpose server that provides scalable capacity and flexibility, suitable for various applications such as cloud computing services, content delivery networks, network function virtualization, 5G core and edge telecom micro data centers, and AI inference and machine learning.

SPECIFICATIONS

Dimensions (Width x Height x Depth)

438mm(17.2") W x 43.2mm(1.7")H x 770mm(30.3")D

Processor

Dual AMD socket SP5 supporting AMD EPYC™ 9005/9004 Series processors, up to TDP 210W

*Optional EVAC CPU cooler can support up to TDP 360W

Memory

(24) DDR5 DIMM Slots, 12 channels(1DPC), RDIMM/RIMM-3DS

Max. Frequency 6000MT/s

Max. Capacity per DIMM:

RDIMM: 96GB / RDIMM-3DS: 256GB

Expansion Slots

Riser 1:

(1) PCIe 5.0 x16 slot from CPU0 supports HHHH PCIe card

Riser 2:

(1) PCIe 5.0 x16 slot from CPU1 supports HHHH PCIe card

Riser 4:

(1) PCIe 3.0 x16 slot from CPU1 supports HHHH PCIe card

Networking

(2) 1000Base-T Ethernet Ports (Intel® I350AM2) (S1206-01 SKU)

(2) 10G SFP+ Ethernet Ports (Intel® X710-BM2) through OCP3.0 NIC OCP-321 (S1206-02-10G SKU)

* LAN configuration varies with different SKUs

Storage

(12) Hot-swap 2.5" drive bays support U.2 PCIe 4.0 NVMe

(2) M.2 2280 PCIe3.0 x2 ports from CPU0

Server Management

AST2600 with dual BMC supports IPMI and Redfish

(1) 1000Base-T Dedicated Server Management Port

Dual BIOS and BMC, (1) MicroSD card slot for BMC log

Security

(1) TPM header with SPI interface supports TPM2.0

Front I/O

(12) Hot-swap 2.5" drive bays

(1) USB 3.0 Type-A port

(1) USB 2.0 Type-A port

(1) System Power LED button

(1) UID LED button

(1) Reset button

(4) Status LEDs: Fault/LAN/M.2

Rear I/O Ports

(2) 1000Base-T Ethernet ports (S1206-01 only)

(1) 1000Base-T Dedicated Server Management port

(2) USB 3.0 Type-A port

(1) VGA D-Sub port

(1) COM RJ45 port

(1) UID LED button

Power Supply

(1+1) Redundant 1300W CRPS 80+ Platinum

Environmental

System Operating Temperature: 0°C ~ 35°C

Non-operating Temperature: -20°C ~ 70°C

Non-operating Relative Humidity: 5% to 85% (non-condensing)

Regulatory

FCC (Class A) and CE

Package Contents

(1) Barebone-S1206

(1) Quick guide

(1) Slide rail kit

(2) CPU coolers

(2) CRPS PSUs

(2) Power cables

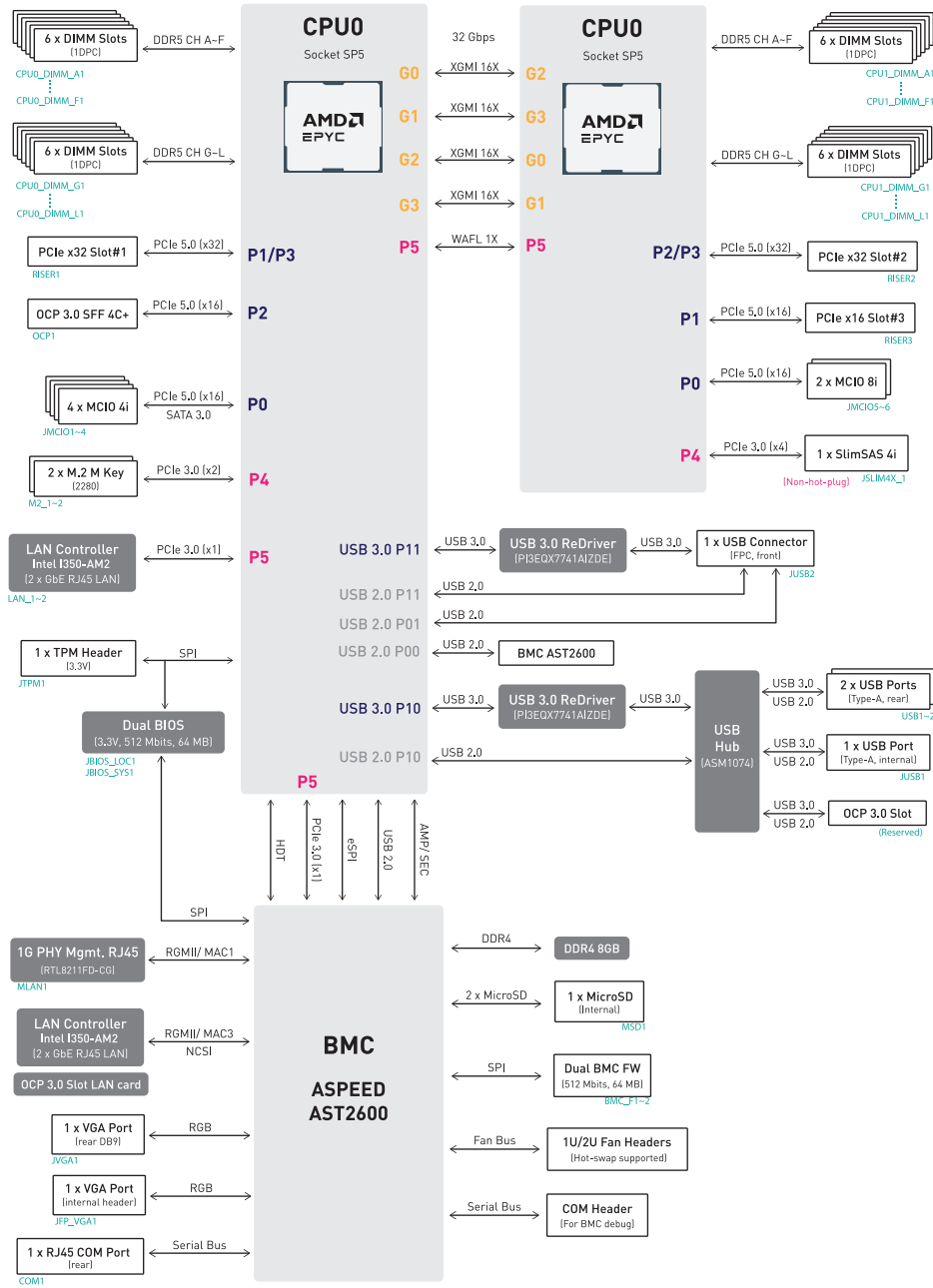
(1) OCP3.0 NIC OCP-321 Kit (S1206-02-10G only)

Optional Parts

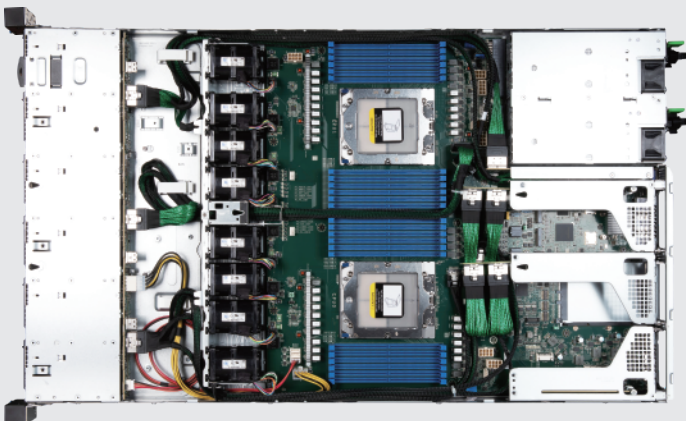
TPM2.0 module: TPM20-IR

EVAC air cooling modules for max. 360W CPU

S1206-1U 12 Bay Block Diagram



Top View



SKU TABLE

SKUs	S1206-01	S1206-02-10G
LAN on MB	(2) GbE RJ45 ports	-
OCP3.0 NIC	-	(2) 10GbE SPF+



Learn more about MSI servers, visit <https://eps.msi.com>. Specifications are subject to change without notice. Please visit our website for the latest information.