

S2206 2U 24Bay

AMD EPYC™ 9005 Server Barebone



2U 24Bay AMD EPYC 9005 General Server

The dual-socket AMD EPYC SP5 server platform, housed in a 2U chassis with 24 2.5" front storage bays and up to 3 PCIe 5.0 x16 expansion slots, can fulfill various applications. In addition to the onboard 2-port GbE LAN, it also supports 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") Wx 87mm (3.4") Hx 770mm (30.3") D

Processor

Dual AMD socket SP5 supporting AMD EPYC™ 9005/9004 Series processors, up to TDP 400W
[*CPUs with TDP over 360W only supported under specific conditions.]

Memory

(24) DDR5 DIMM slots, 12 channels(1DPC), RDIMM/RIMM-3DS
- Max. Frequency 6400MT/s
- Max. Capacity per DIMM: RDIMM: 96GB
RDIMM-3DS: 256GB

Expansion Slots

Riser 1:

- (1) PCIe 5.0 x16 FHHL slot from CPU0
- (2) PCIe 5.0 x16 FHHL slot (x8 signal) from CPU0

Networking

(2) 1000Base-T Ethernet ports (Intel® I350AM2)

Storage

(24) Hot-swap 2.5" drive bays support (16) U.2 PCIe 4.0 NVMe and (8) SATA 3.0/SAS

* SAS card is required for SAS device support

(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

- (24) Hot-swap 2.5" drive bays
- (1) USB 3.0 Type-A port
- (1) USB 2.0 Type-A port
- (1) VGA D-Sub 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 (S2206-04 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 1600W CRPS 80+ Platinum

Environmental

System Operating Temperature: 0°C ~ 35°C

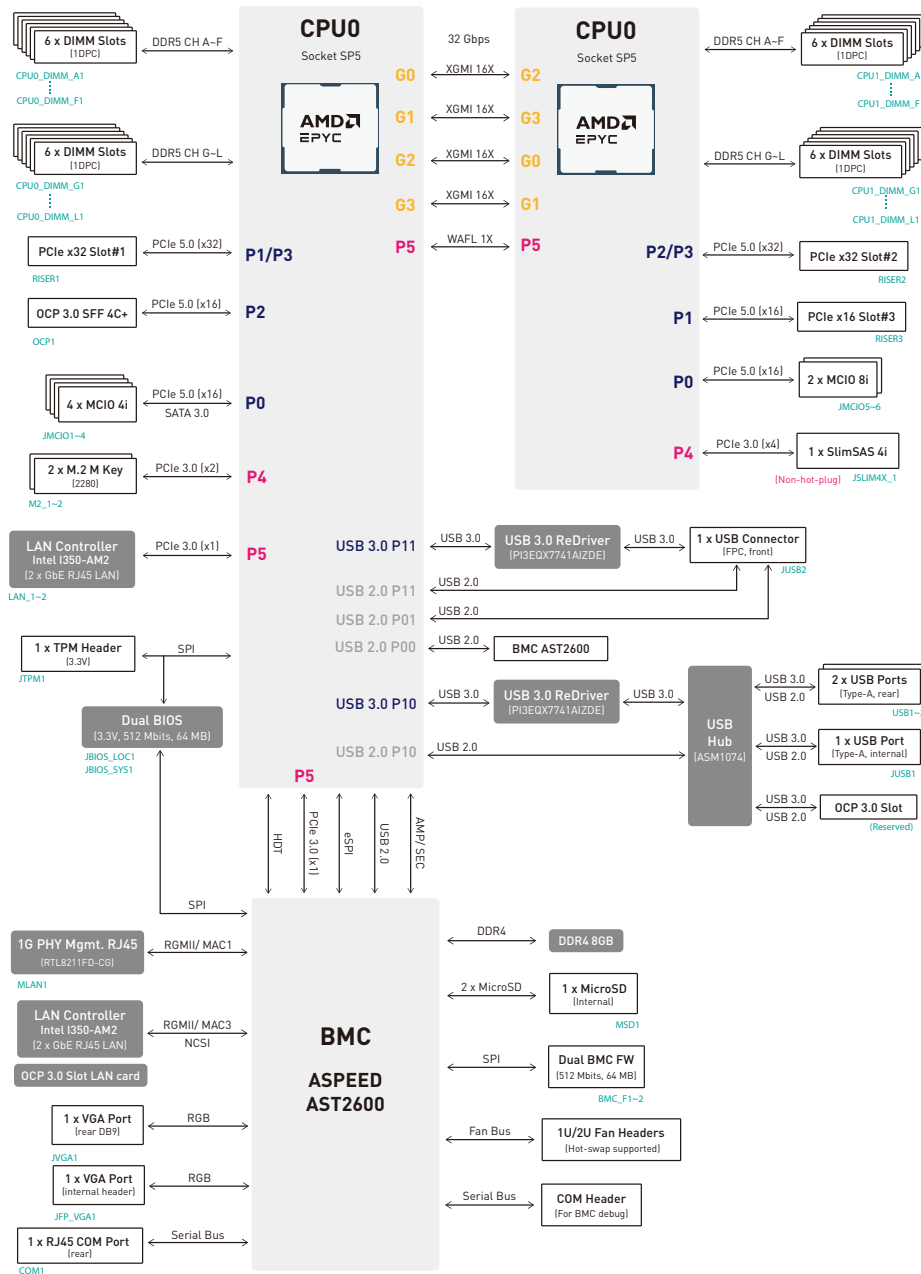
Non-operating Temperature: -20°C ~ 70°C

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

Regulatory

FCC (Class A) and CE

S2206-2U 24Bay Server Block Diagram



Top View



SKU TABLE

SKUs	LAN on MB
S2206-04	(2) GbE RJ45 ports



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.