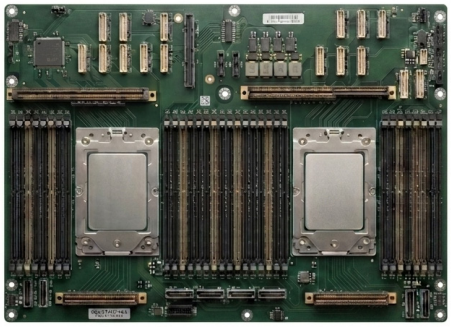




Hyve-Designed Motherboard HS9226-A

Featuring AMD VENICE SP7 2P HPM

Combines dual-socket compute with extensive PCIe Gen6 connectivity for general compute, storage, and GPU-accelerated AI. The same HPM scales from Hyve Solutions Axis™ 1U and 2U platforms to Hyve Solutions Apex™ MGX 6U 8-GPU systems, reducing platform variants and simplifying qualification and fleet management.

Key Features

- Dual-Socket / AMD VENICE SP8 Processor up to 400W
- NVIDIA's MGX Form Factor / 424.5 mm x 305 mm
- 32 DDR5 DIMM Slots / 8ch 2dpc per SKT / 64 / 96 / 128GB DIMM Configuration
- 24x MCIO x8 / 192 PCIe Lanes
- M.2 Boot Drive Supported
- DC-SCM 2.2 CFF / AST2700 / Microchip CEC1736 RoT / TPM 2.0 / AMI BIOS, 64MB SPI FLASH ROM(1st)

Board Specifications

Form Factor / Dimensions	NVIDIA MGX / 424.5 mm x 305 mm
CPU Socket / Supported Processors	LGA5572 / AMD VENICE SP8 Processor / 2 Sockets
Expansion Slots / PCIe	12x MCIO Gen6 x8 Conn from CPU0 12x MCIO Gen6 x8 Conn from CPU1
Memory	32 DIMM Slots / DDR5 DIMM / 8000 MT/s (1DPC) 6000 MT/s (2DPC) / 64 / 96 / 128GB Capacity
Storage Interfaces	Up to 2x M.2 2280 / 22110 Boot Devices Supported (M.2 Interposer)
Networking / LAN	Extended from Above MCIO
Rear I/O Panel	1x USB 3.1/2.0 Type A (DC-SCM) 1x UART Connector (DC-SCM) 1x RJ45 Dedicated LAN (DC-SCM)

Fan Headers / Thermal Sensors	4056 / 6056 Fan Supported (Fan Board)
System Management	DC-SCM 2.2 CFF / AST2700 / OpenBMC
Security / TPM	Microchip CEC1736 RoT / TPM 2.0 (DC-SCM)
Power Connectors	2x 3000KW CRPS / MCRPS PSU (PDB)
BIOS / Firmware	AMI BIOS / 64MB
Operating Environment	5°~35°C

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