

GPU A+ Server AS -2145GH-TNMR



More details here

Key Applications

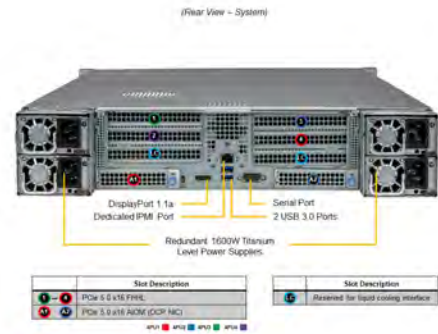
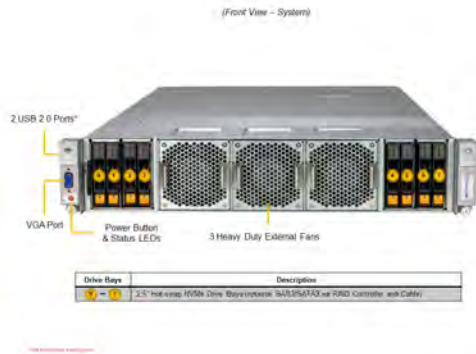
Artificial Intelligence (AI), Large Language Model (LLM), Cloud Solution Provider (CSP), High Performance Comptue (HPC), Research Lab,

Key Features

- Quad AMD® EPYC™ MI300A processors;
- HBM3 Stacks 512GB;
- Optional PCIe configurations up to 6 PCIe slots x16 FHHL;
- Flexible networking options with 2 AIOM networking slot (OCP NIC 3.0 compatible);
- Default 8x 2.5" Hot-swap NVMe or Optional 8x 2.5" SAS3/SATA3 via storage add-on card; 2x internal M.2 NVMe/SATA;;
- 3 heavy duty fans w/ Liquid Cooled;
- 4x 1600W redundant Titanium level power supplies;



Form Factor	2U Rackmount Enclosure: 438.4 x 87.9 x 812.9mm (17.3" x 3.5" x 32") Package: 672 x 250 x 1100mm (26.5" x 9.75" x 43.5")
Processor	Quad Socket SH5 AMD Instinct™ MI300A Accelerated Processing Units (APUs)
GPU	Supported GPU: AMD: MI300A
System Memory	Max Memory (1DPC): Up to 512GB ECC HBM3
Drive Bays	8x 2.5" hot-swap NVMe/SAS3/SATA3 drive bays 2 M.2 NVMe OR 2 M.2 SATA3
Expansion Slots	4 PCIe 5.0 x16 FHHL slot(s) 2 PCIe 5.0 x16 AIOM slot(s)
On-Board Devices	Chipset: AMD SH5 Network Connectivity: Via AIOM
Input / Output	LAN: 1 RJ45 Dedicated IPMI LAN port USB: 2 USB 3.0 port(s) (2 rear) 2 USB 2.0 port(s) (2 front) Video: 1 VGA port(s) 1 DisplayPort port(s) Serial Port: 1 COM Port(s) (1 rear)



System Cooling Fans: 3 Heavy duty counter-rotating 8cm Fan(s)
Liquid Cooling: 1Direct to Chip (D2C) Cold Plate (optional)

Power Supply 1600W Redundant Titanium Level power supplies

System BIOS BIOS Type: AMI 32MB SPI Flash EEPROM

PC Health Monitoring CPU: Monitors for CPU Cores, Chipset Voltages, Memory
4+1 Phase-switching voltage regulator
FAN: Fans with tachometer monitoring
Status monitor for speed control
Pulse Width Modulated (PWM) fan connectors
Temperature: Monitoring for CPU and chassis environment
Thermal Control for fan connectors

Dimensions and Weight Height: 3.5" (87.9 mm)
Width: 17.3" (438.4 mm)
Depth: 32" (812.9 mm)
Gross Weight: 71.5 lbs (32.43 kg)
Net Weight: 45.5 lbs (20.64 kg)
Packaging: 9.75" (H) x 26.5" (W) x 43.5" (D)
Available Color: Black

Operating Environment ROHS: RoHS Compliant
Operating Temperature: 10°C ~ 35°C (50°F ~ 95°F)
Non-operating Temperature: -40°C to 60°C (-40°F to 140°F)
Operating Relative Humidity: 8% to 90% (Non-Condensing)
Non-operating Relative Humidity: 5% to 95% (Non-Condensing)

Motherboard Super H13QSH

Chassis CSE-218H2TS-R3K2AWP