

GPU A+ Server AS -4145GH-TNMR



More details here

Key Applications

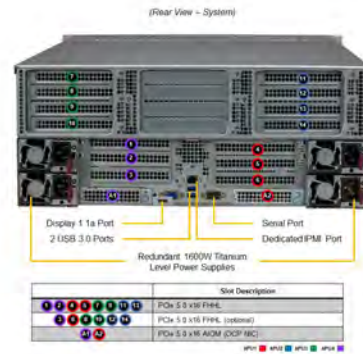
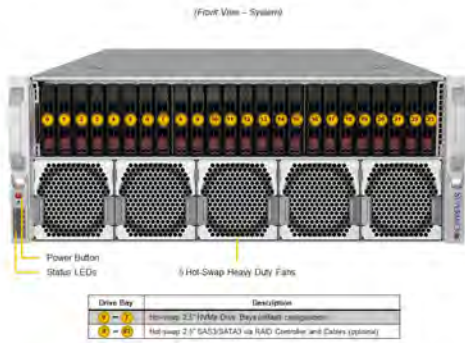
Artificial Intelligence (AI), Large Language Model (LLM), Cloud Solution Provider (CSP), High Performance Comptue (HPC), Research Lab,

Key Features

- Quad AMD® EPYC™ MI300A processors;
- HBM3 Stacks 512GB;
- Optional PCIe configurations up to 8 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 24x 2.5" SAS3/SATA3 via storage add-on card; 2x internal M.2 NVMe/SATA;;
- 10 heavy duty fans w/ optimal fan speed control;
- 4x 1600W redundant Titanium level power supplies;



Form Factor	4U Rackmount Enclosure: 440.9 x 177 x 800mm (17.3" x 6.96" x 31.5") Package: 720 x 435 x 1080mm (28.34" x 17.12" x 42.5")
Processor	Quad Socket SH5 AMD Instinct™ MI300A Accelerated Processing Units (APUs)
System Memory	Slot Count: Onboard Memory Max Memory: Up to 512GB non-ECC HBM3
Drive Bays	24x 2.5" hot-swap NVMe/SAS3/SATA3 drive bays (24x 2.5" NVMe hybrid) 2 M.2 NVMe OR 2 M.2 SATA3
Expansion Slots	6 PCIe 5.0 x16 FHHL slot(s) 2 PCIe 5.0 x16 AIOM slot(s) Note: If Slot1~8 are configured as PCIe x8, Slot9~16 can be enabled
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) Video: 1 DisplayPort port(s) Serial Port: 1 COM Port(s) (1 rear)



System Cooling	Fans: 10 Heavy duty counter-rotating 8cm Fan(s)
Power Supply	1600W Redundant Titanium Level power supplies
System BIOS	BIOS Type: AMI 32MB SPI Flash EEPROM
PC Health Monitoring	<p>CPU: Monitors for CPU Cores, Chipset Voltages, Memory 4+1 Phase-switching voltage regulator</p> <p>FAN: Fans with tachometer monitoring Status monitor for speed control Pulse Width Modulated (PWM) fan connectors</p> <p>Temperature: Monitoring for CPU and chassis environment Thermal Control for fan connectors</p>
Dimensions and Weight	<p>Height: 6.96" (177 mm)</p> <p>Width: 17.3" (440.9 mm)</p> <p>Depth: 31.5" (800 mm)</p> <p>Gross Weight: 132.27 lbs (60 kg)</p> <p>Net Weight: 77.16 lbs (35 kg)</p> <p>Packaging: 17.12" (H) x 28.34" (W) x 42.5" (D)</p> <p>Available Color: Black</p>
Operating Environment	<p>ROHS: RoHS Compliant</p> <p>Operating Temperature: 10°C ~ 35°C (50°F ~ 95°F)</p> <p>Non-operating Temperature: -40°C to 60°C (-40°F to 140°F)</p> <p>Operating Relative Humidity: 8% to 90% (Non-Condensing)</p> <p>Non-operating Relative Humidity: 5% to 95% (Non-Condensing)</p>
Motherboard	Super H13QSH
Chassis	CSE-418H2TS-R3K2AWP