

GPU A+ Server AS -4125GS-TNRT



More details here

Key Applications

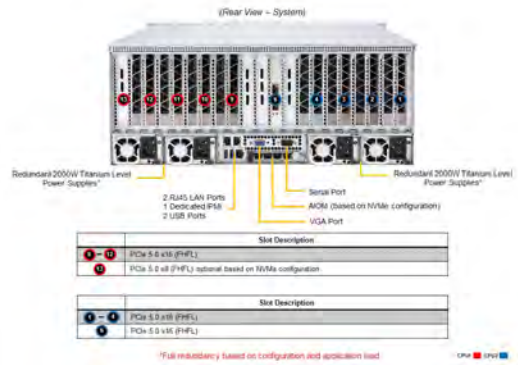
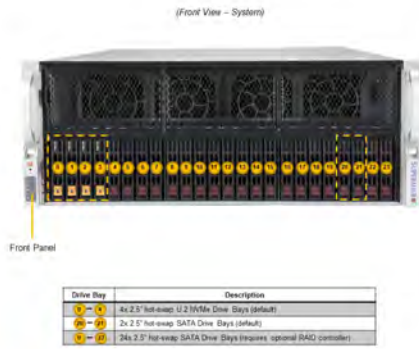
AI / Deep Learning, High Performance Computing,

Key Features

- Up to 8 direct attached double width, full length GPUs; Flexible GPU support: active & passive GPUs;
- AMD EPYC™ 9004 Series Processor up to 360W TDP; Dual-Socket, AMD EPYC™ 9004 Series Processors up to 360W TDP;
- 12 DIMM Slots, up to 3TB DDR5 memory; 24 DIMM Slots, up to 6TB DDR5 memory;
- up to 4x 2.5" Hot-swap NVMe drive bays; 1 M.2 Slot;
- AIOM / OCP 3.0 Support;



Form Factor	4U Rackmount Enclosure: 437 x 178 x 737mm (17.2" x 7" x 29") Package: (27" x 26.57" x 41")
Processor	AMD EPYC™ 9004 Series Processors Dual Socket (Socket SP5) supported TDP up to 400W;
GPU	Supported GPU: Up to 8 Double-Width/Single-Width Cards (Full Height Full Length) NVIDIA H100 and AMD MI200 series Supports both active and passive cooled GPUs CPU-GPU Interconnect: Direct Attached GPU-GPU Interconnect: NVIDIA® NVLink™ Bridge (optional)
System Memory	24 DIMM slots Up to 6TB ECC LRDIMM, DDR5-4800MHz
Drive Bays	24x 2.5" hot-swap NVMe/SATA/SAS drive bays (4x 2.5" NVMe dedicated) 1 M.2 NVMe
Expansion Slots	9 PCIe 5.0 x16 FHFL slot(s)
On-Board Devices	SATA: SATA3 (6Gbps) Chipset: AMD SP5 Network Connectivity: 2x 10GbE BaseT IPMI: Support for Intelligent Platform Management Interface v.2.0 IPMI 2.0 with virtual media over LAN and KVM-over-LAN support
Input / Output	Video: 1 VGA port(s)



System Cooling	8 heavy duty fan(s)
Power Supply	2000W 1U redundant power supply W73.5 x L203 x H40mm Dimension (W x H x L): 73.5 x 40 x 203 mm Output Type: Backplanes (gold finger)
System BIOS	BIOS Type: AMI 32MB SPI Flash EEPROM
Management	SuperDoctor® 5; Watch Dog; NMI; SUM; KVM with dedicated LAN; SPM; Intel® Node Manager; SSM; IPMI 2.0; Redfish API; OOB Management Package (SFT-OOB-LIC)
PC Health Monitoring	CPU: Monitors for CPU Cores, Chipset Voltages, Memory 7 +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: 7" (178 mm) Width: 17.2" (437 mm) Depth: 29" (737 mm) Gross Weight: 100 lbs (45.3 kg) Net Weight: 65.5 lbs (29.7 kg) Packaging: 26.57" x 27" x 41" Available Color: Black Front & Silver Body
Operating Environment	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 H13DSG-O-CPU
Chassis	CSE-418G2TS