

# GPU SuperServer AS -5126GS-TNRT-01-G2

DP AMD 5U System with 8 PCIe GPUs



## Key Applications

SaaS - Agent Flow AI Inference

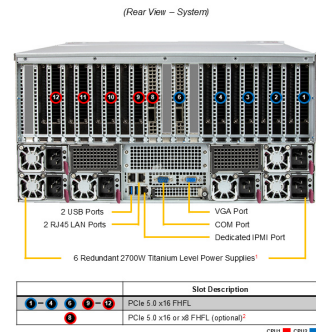
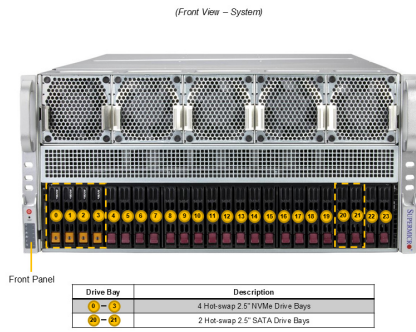
## Gold Configuration Details

- CPU: 2x AMD EPYC™ 9355 (32C/3.55GHz)
- GPU: 2x NVIDIA RTX PRO™ 6000 Blackwell Server Edition
- Memory: 1.5TB DDR5-6400
- Storage: 1x 960GB M.2 NVMe SSD
- NIC: 1x dual 10GbE RJ45
- Power: 6x 2700W Titanium Level



## Base System Specs

Form Factor	5U Rackmount Enclosure: 438 x 222.5 x 786.1mm (17.2" x 8.75" x 31") Package: 720 x 440 x 1080mm (28.34" x 17.32" x 42.51")
Processor	Dual processor(s) AMD EPYC™ 9005/9004 Series Processors Up to 192C/384T
GPU	Max GPU Count: Up to 8 double-width GPUs Supported GPU: NVIDIA PCIe: H100 NVL, H200 NVL (141GB), L40S, NVIDIA RTX PRO™ 6000 Blackwell Server Edition AMD PCIe: AMD Instinct™ MI350P CPU-GPU Interconnect: Direct Attached GPU-GPU Interconnect: NVIDIA® NVLink™ Bridge (optional), AMD Infinity Fabric™ Link (optional)
System Memory	Slot Count: 24 DIMM slots Max Memory (1DPC): Up to 6TB 6400MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 Series Processor) Max Memory (1DPC): Up to 6TB 4800MT/s ECC DDR5 RDIMM (AMD EPYC™ 9004 Series Processor)
Drive Bays Configuration	1 M.2 PCIe 3.0 x4 NVMe slot (M-key)
On-Board Devices	SATA: SATA (6Gbps) Network Connectivity: 2 RJ45 10GbE
Input / Output	LAN: 1 RJ45 1 GbE Dedicated BMC LAN port 2 RJ45 10 GBASE-T LAN ports USB: 2 ports(rear) Video: 1 VGA port



System Cooling	Fans: Up to 10 heavy duty fans with optimal fan speed control
Power Supply	6x 2700W Redundant (4 + 2) Titanium Level (96%) power supplies
System BIOS	BIOS Type: AMI 64MB SPI Flash EEPROM
Management	SuperCloud Composer® (SCC); Supermicro Server Manager (SSM); Supermicro Update Manager (SUM); Super Diagnostics Offline (SDO); Supermicro Thin-Agent Service (TAS); SuperServer Automation Assistant (SAA) New!
PC Health Monitoring	CPU: 7 +1 Phase-switching voltage regulator Monitors for CPU Cores, Chipset Voltages, Memory Fan: Fans with tachometer monitoring Pulse Width Modulated (PWM) fan connectors Status monitor for speed control Temperature: Monitoring for CPU and chassis environment Thermal Control for fan connectors
Dimensions and Weight	Weight: Gross Weight: 100 lbs (45.3 kg) Net Weight: 65.5 lbs (29.7 kg) Available Color: Black Front & Silver Body
Operating Environment	Operating Temperature: 10°C to 35°C (50°F to 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	<a href="#">Super H14DSG-O-CPU</a>
Chassis	<b>CSE-528G2TS-R000NDP</b>