

More details he

## **GPU SuperServer SYS-210GP-DNR**

2U 2-Node Multi-GPU System with Single Processor (Intel) and Up to 3 PCI-E GPUs per Node

## **Key Applications**

High Performance Computing, AI/Deep Learning Training, Media/Video Streaming, Industrial Automation, Retail, Cloud Gaming,

## **Key Features**

- Single Socket P+ (LGA-4189) 3rd Gen Intel® Xeon® Scalable Processor;
- Intel<sup>®</sup> C621A Chipset;
- 2TB Registered ECC DDR4 3200MHz SDRAM in 8 DIMMs;
- 3 PCIe Gen 4.0 x16 FHFL DW;
- 2 front Hot-swap 2.5" U.2 NVMe Gen4 drive bays; 2 M.2 NVMe and SATA for boot drive only;
- 2600W Redundant (1+1) Power Supplies Titanium Level (96%) (Full redundancy based on configuration and application load);
- AST2500 BMC;



• 7.512500 Bille,		
Form Factor	2U Rackmount	
	Enclosure: 447 x 88 x 760mm (17.6" x 3.47" x 29.9")	
	Package: 600 x 240 x 1100mm (23.62" x 9.44" x 43.3")	
Processor	Single Socket P+ (LGA-4189)	
	3rd Gen Intel® Xeon® Scalable processors	
	Up to 40C/80T; Up to 60MB Cache per CPU	
GPU	Supported GPU: NVIDIA PCIe: A100, A30, A40, RTX A4000	
	GPU-GPU Interconnect: PCIe	
System Memory	Memory Capacity: 8 DIMM slots	
	Up to 2TB: 8x 256 GB DRAM	
	Memory Type: 3200/2933/2666MHz ECC DDR4 RDIMM/LRDIMM	
Drive Bays	2x 2.5" hot-swap NVMe Support drive bays (2x 2.5" NVMe dedicated)	
	2 M.2 NVMe OR 2 M.2 SATA3	
Expansion Slots	3 PCIe 4.0 x16 FHFL DW slot(s)	
On-Board Devices	Chipset: Intel® C621A	
	Network Connectivity: Via AIOM	
	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)	



Power Supply2600W Redundant Titanium Level power suppliesustern BIOSBIOS Type: AMI 32MB SPI Flash EEPROMAtanagementRedfish API; Supermicro Server Manager (SSM); Supermicro Power Manager (SPM); Supermicro Update Manager (SUM); SuperDoctor® 5; Super Diagnostics Offline ; KVM with dedicated LAN ; IPMI 2.0CC Health MonitoringCPU: Monitors for CPU Cores, Chipset Voltages, Memory 7 + 1 Phase-switching voltage regulator Pulse with Modulated (PWM) fan connectors Pulse Width Modulated (PWM) fan connectors Temperature: Monitoring for CPU and chassis environment Thermal Control for fan connectorsDimensions and WeightHeight: 3.47" (88 mm) Width: 17.6" (447 mm) Gorss Weight: 60 lbs (27.21 kg) Net Weight: 55 lbs (24.94 kg) Packaging: 9.44" (N) 2.36.2" (N) x 43.3" (D) Available Color: Black Front & Silver BodyOperating EnvironmentOperating Temperature: 10°C ~ 35°C (50°F ~ 95°F) Non-operating Temperature: 40°C to 65°C (-40°F to 140°F) Operating Relative Humidity: 8% to 99% (non-condensing) Non-operating Relative Humidity: 5% to 99% (non-condensing) Non-operating Relative Humidity: 5% to 99% (non-condensing)AtterboardSuper X122PG-ME		(Front View – System)	(Rear View – System)	
system Cooling   Fans: 4 Removable heavy-duty Fan(s)     rower Supply   2600W Redundant Titanium Level power supplies     system BIOS   BIOS Type: AMI 32MB SPI Flash EEPROM     Ranagement   Redfish API; Supermicro Server Manager (SSM); Supermicro Power Manager (SPM); Supermicro Update Manager     CF Health Monitoring   CPU: Monitors for CPU Cores, Chipset Voltages, Memory 7 + 1 Phase-switching voltage regulator     FX: Fans with tachometer monitoring Status monitor for speed control Pulse Width Modulated (PWM) fan connectors   Status monitor for speed control Pulse Width Modulated (PCU) and chassis environment Themperature: Monitoring for CPU and chassis environment Themperature: Monitoring for CPU and chassis environment Themperature: Monitoring for CPU and chassis environment     Dimensions and Weight   Height: 3.47" (88 mm) Width: 1.7.6" (447 mm) Depti: 29.9" (760 mm) Gross Weight: 60 lbs (27.21 kg) Net Weight: 55 lbs (24.94 kg) Packaging: 9.44" (I) x 23.62" (W) x 43.3" (D) Available Color: Black Front & Silver Body     Operating Temperature: 40°C to 60°C (-40°F to 140°F) Operating Temperature: 40°C to 60°C (-40°F to 140°F) Operating Relative Humidity: 5% to 95% (non-condensing) Non-operating Relative Humidity: 5% to 95% (non-condensing)     Noterboard   Super X125PG-NF	Slot Description	Rom External Fairs	Node B   Node A   Redundant 2000W   Trainim Leel Power   Set Nome   Set Nome   Set Nome	
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(SUM); SuperDoctor® 5; Super Diagnostics Offline ; KVM with dedicated LAN ; IPMI 2.0     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: 3.47" (88 mm) Width: 17.6" (447 mm) Width: 51.56 (24.94 kg) Packaging: 9.44" (H) x 23.62" (W) x 43.3" (D) Available Color: Black Front & Silver Body     Operating Environment   Operating Temperature: 40°C to 60°C (40°F to 140°F) Operating Relative Humidity: 5% to 99% (non-condensing) Non-operating Relative Humidity: 5% to 99% (non-condensing)     Avtebrboard   Super X12SPG-NF	System BIOS	BIOS Type: AMI 32MB SPI Flash EEPROM		
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Chassis CSE-227GTS-R2K63P	Motherboard	Super X12SPG-NF		
	Chassis	CSE-227GTS-R2K63P		