

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[®] 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;



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|-------------------|---|--|
| 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) | |
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| 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) | |
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| 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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| | Operating Environment | Non-operating Temperature: -40°C to 60°C (-40°F to 140°F) Operating Relative Humidity: 8% to 90% (non-condensing) | | |
| Chassis CSE-227GTS-R2K63P | Motherboard | Super X12SPG-NF | | |
| | Chassis | CSE-227GTS-R2K63P | | |