

GPU SuperServer SYS-210GP-DNR

2U 2-Node System with UP Intel and Up to 3 GPUs per Node



More details here

Key Applications

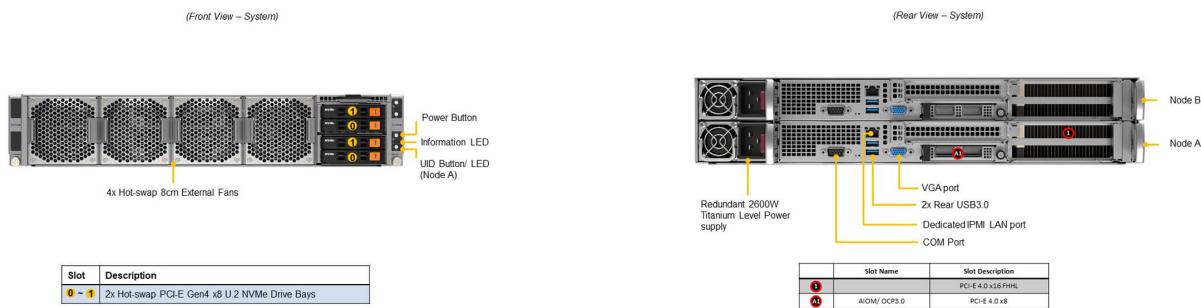
High Performance Computing, AI/Deep Learning Training, Media/Video Streaming, Cloud Gaming, Industrial Automation,

Key Features

- Two **hot-pluggable** systems (nodes) in a 2U form factor. Each node supports the following:;
- Single Socket P+ (LGA-4189) 3rd Gen Intel® Xeon® Scalable Processor;
- Intel® C621A Chipset;
- 1TB 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;
- AST2500 BMC;



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
GPU	Max GPU Count: Up to 3 double-width or 3 single-width GPUs Supported GPU: NVIDIA PCIe: A10, A100, A30, A40, RTX A4000, RTX A4500 CPU-GPU Interconnect: PCIe 4.0 x16 CPU-to-GPU Interconnect GPU-GPU Interconnect: PCIe
System Memory	Slot Count: 8 DIMM slots Max Memory (2DPC): Up to 1TB 3200MT/s ECC DDR4 RDIMM/LRDIMM
Drive Bays Configuration	Default: Total 2 bays <ul style="list-style-type: none">• 2 front hot-swap 2.5" NVMe drive bays M.2: 2 M.2 NVMe/SATA slots (M-key)
Expansion Slots	Default <ul style="list-style-type: none">• 3 PCIe 4.0 x16 FHFL double-width slots
On-Board Devices	Chipset: Intel® C621A Network Connectivity: Via AIOM
Input / Output	1 VGA port



*Full redundancy based on configuration and application load.

System Cooling Fans: Up to 4 Removable heavy-duty Fan(s)

Power Supply 1x 2600W Redundant Titanium Level (96%) power supply

System BIOS BIOS Type: AMI 32MB SPI Flash EEPROM

Management SuperCloud Composer®; Supermicro Server Manager (SSM); Supermicro Update Manager (SUM); Supermicro SuperDoctor® 5 (SD5); 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: 60 lbs (27.21 kg)
Net Weight: 55 lbs (24.94 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 [Super X12SPG-NF](#)

Chassis CSE-227GTS-R2K63P