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, Industrial Automation, Retail, Cloud Gaming,

Key Features

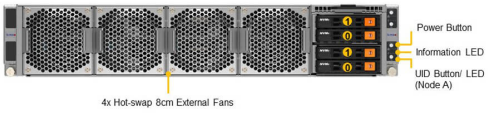
- Single Socket P+ (LGA-4189) 3rd Gen Intel® Xeon® Scalable Processor;
- Intel® C621A Chipset;
- 2TB Registered ECC DDR4 3200MHz SDRAM in 8 DIMMs;
- 3 PCIe Gen 4.0 x16 FHFL DW;
- 2 front Hot-swap 2.5" U.2 NVMe Gen4 drive bays
  2 M.2 NVMe and SATA for boot drive only;
- AST2500 BMC;
- Two hot-pluggable systems (nodes) in a 2U form factor. Each node supports the following:;



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 GPU(s) Supported GPU: NVIDIA PCIe: A40, RTX A4500, RTX A4000, A40, A30, A100, A10 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 2TB 3200MT/s ECC DDR4 RDIMM/LRDIMM
Drive Bays Configuration	Default: Total 2 bay(s) • 2 front hot-swap 2.5" NVMe drive bay(s) M.2: 2 M.2 NVMe/SATA slot(s) (M-key)
Expansion Slots	Default • 3 PCIe 4.0 x16 FHFL double-width slot(s)
On-Board Devices	Chipset: Intel® C621A Network Connectivity: Via AIOM
Input / Output	1 VGA port(s)

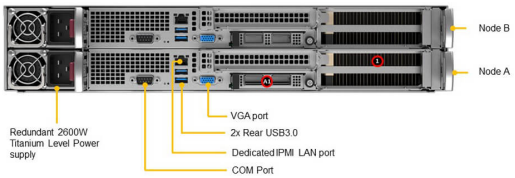
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(Front View – System)



Slot	Description
0 ~ 1	2x Hot-swap PCI-E Gen4 x8 U.2 NVMe Drive Bays

(Rear View – System)



	Slot Name	Slot Description
1		PCI-E 4.0 x16 FHHL
A1	AIOM/ OCP3.0	PCI-E 4.0 x8

*Full redundancy based on configuration and application load.

System Cooling	Fans: 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: 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	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 ~ 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 X12SPG-NF**
Chassis	**CSE-227GTS-R2K63P**

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