

## **GPU SuperServer SYS-220GQ-TNAR+**

DP Intel System with NVIDIA HGX A100 4-GPU and 3000W Power Supplies

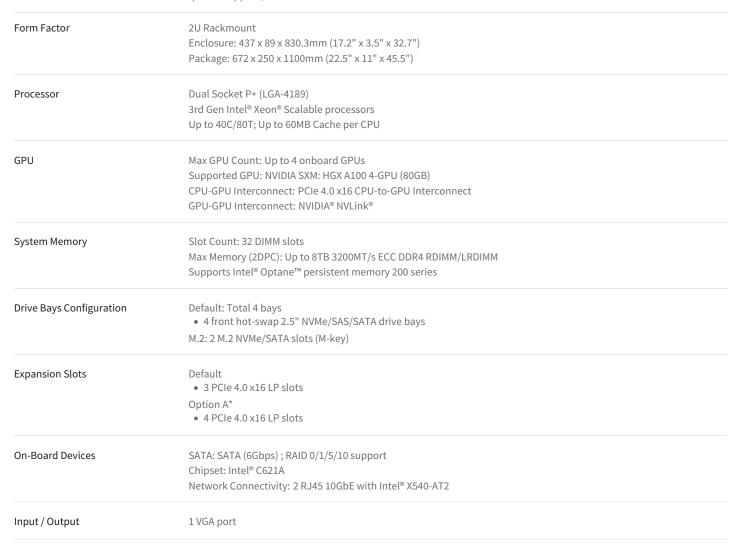


## **Key Applications**

High Performance Computing, AI/Deep Learning Training,

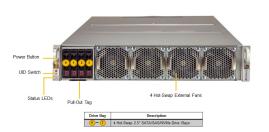
## **Key Features**

- Dual Socket P+ (LGA-4189) 3rd Gen Intel® Xeon® Scalable Processors;
- Intel® C621A Chipset;
- Up to 4x PCIe Gen 4.0 X16 LP Slots;
- High density 2U system with NVIDIA® HGX™ A100 4-GPU
  Highest GPU communication using NVIDIA® NVLINK™
  Supports HGX A100 4-GPU 40GB (HBM2) or 80GB (HBM2e)
  Direct connect PCIe Gen4 Platform with NVIDIA® NVLink™ v3.0 up to 600GB/s interconnect;
- Flexible networking options;
- 4x 2.5" Hot-swap (SATA/SAS/NVMe) drive bays
   2 M.2 NVMe/SATA via Intel® C621A PCH chipset (for boot drive only);
- 4 heavy duty fans with optimal fan speed control;
- 2x 3000W redundant Titanium level power supplies;

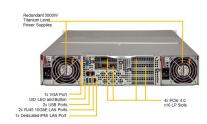




(Front View - System



(Rear View - System)



System Cooling	Fans: Up to 4 heavy duty fans with optimal fan speed control
Power Supply	1x 3000W 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!
Dimensions and Weight	Weight: Gross Weight: 86.5 lbs (39.2 kg) Net Weight: 67.5 lbs (30.6 kg) Available Color: 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 X12DPG-QR
Chassis	CSE-228GTS-R3K02P