

## **IoT SuperServer SYS-212GB-FNR**

UP Intel 2U PCIe GPU System with up to 4 NVIDIA RTX PRO™ 6000 Blackwell Server Edition or NVIDIA H200

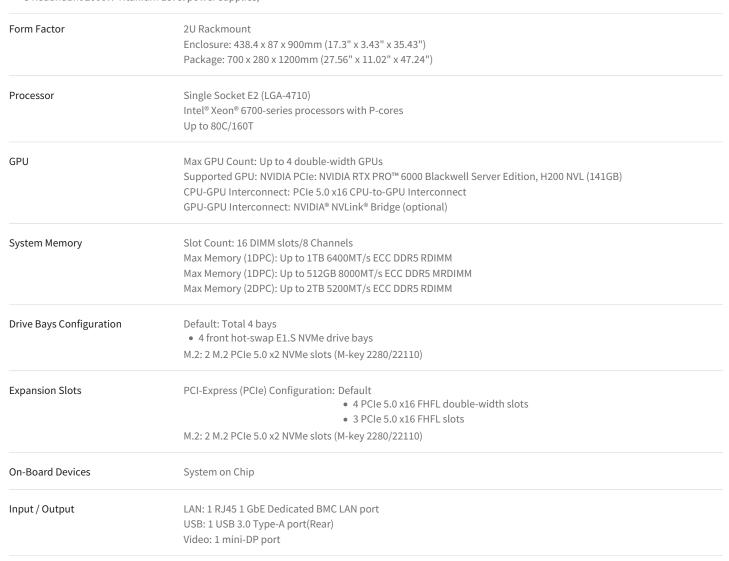


## **Key Applications**

Scientific Research, Model analysis, High Performance Computing (HPC), Research Lab, Edge Al Inferencing, Financial Services,

## **Key Features**

- Single Socket E2 (LGA-4710) Intel® Xeon® 6700-series processors with P-cores up to 350W with air cooling;
- Support for up to 4 double-width PCIe GPU accelerator cards;
- Up to 16 DIMMs supporting up to 1TB DDR5-6400 in 1DPC or 2TB DDR5-5200 in 2DPC or 512GB DDR5-8000 in 1DPC;
- Up to 4 PCle 5.0 x16 FHFL double-width + 3 PCle 5.0 x16 FHFL slots;
- Up to 4 front hot-swap E1.S NVMe drive bays;
- 3 Redundant 2000W Titanium Level power supplies;





System Cooling	
bystem cooling	Fans: Up to 6x 6cm heavy duty fans with optimal fan speed control Air Shroud: 1 Air Shroud
Power Supply	3x 2000W Redundant Titanium Level (96%) power supplies
System BIOS	BIOS Type: AMI 64MB SPI Flash EEPROM
Management	SuperCloud Composer®; Supermicro Server Manager (SSM); Super Diagnostics Offline (SDO); Supermicro Thin-Agent Service (TAS); SuperServer Automation Assistant (SAA) New!; Plug-ins for 3rd Party Software
PC Health Monitoring	CPU: Monitors for CPU Cores, Chipset Voltages, Memory 8+4 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: 84 lbs (38 kg)
	Net Weight: 66 lbs (30 kg)
	Available Color: Silver
Operating Environment	Operating Temperature: 10°C to 35°C (50°F to 95°F)
	Non-operating Temperature: -30°C to 60°C (-22°F to 140°F)
	Operating Relative Humidity: 8% to 80% (max 21° DP; non-condensing)
	Non-operating Relative Humidity: 8% to 90% (max 38° DP; non-condensing)
Motherboard	Super X14SBGM
	CSE-MG204-R000NDFP