

# GrandTwin SuperServer SYS-210GT-HNTF



More details here

## Key Applications

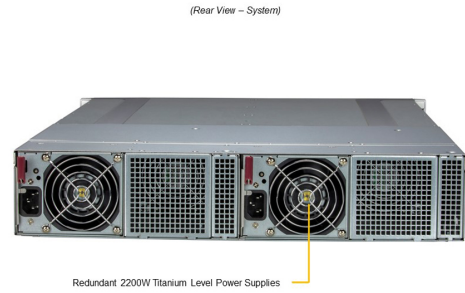
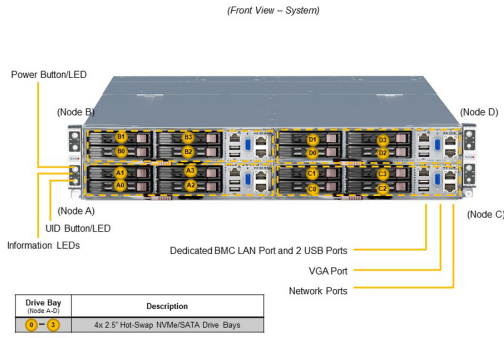
HPC, Cloud Gaming, MEC (Multi-Access Edge Computing), Multi-Purpose CDN, High-availability Cache Cluster, Telco Edge Cloud, EDA (Electric Design Automation), Mission Critical Web Applications,

## Key Features

- Single-Socket, 3rd Gen Intel® Xeon® Scalable processors up to 270W TDP;
- Intel® C621A;
- 16 DIMM Slots up to 4TB (with Intel® Optane™ Persistent Memory support);
- Optional: AIOM PCIe 4.0 x16 LP (OCP 3.0 compliant);
- Integrated GrandTwin I/O Module with BMC, 2x USB, VGA and 2x 10GbE or 2x 25GbE;
- Up to 4 Hot-swap 2.5" NVMe/SATA drives;
- 2x cooling fans per 2U enclosure, 16.5K RPM Heavy Duty; Shared Cooling Design;
- 2200W Redundant Power Supplies Titanium Level (96%+); Shared Power Design;



<b>Form Factor</b>	2U Rackmount Enclosure: 449 x 88 x 711.2mm (17.67" x 3.46" x 28") Package: 626 x 248 x 1150mm (24.65" x 9.76" x 45.28")
<b>Processor</b>	3rd Gen Intel® Xeon® Scalable processors Single Socket LGA 4189 (Socket P+) supported TDP up to 270W; (Certain CPUs with high TDP may be supported only under specific conditions. Please contact Supermicro Technical Support for additional information about specialized system optimization)
<b>System Memory</b>	16 DIMM slots Up to 4TB ECC RDIMM, DDR4-3200MHz
<b>Drive Bays</b>	4x 2.5" hot-swap NVMe/SATA drive bays; 4x 2.5" NVMe dedicated; Optional RAID support via Intel® PCH
<b>Expansion Slots</b>	1 PCIe 4.0 x16 LP ; AIOM - PCIe 4.0 x16 LP slot(s)
<b>On-Board Devices</b>	Chipset: Intel® C621A Network Connectivity: Via IO Module IPMI: Support for Intelligent Platform Management Interface v.2.0 IPMI 2.0 with virtual media over LAN and KVM-over-LAN support
<b>Input / Output</b>	LAN: 1 RJ45 Dedicated BMC LAN port USB: 2 USB 3.0 port(s) (2 USB) Video: 1 VGA port(s)



System Cooling	2x 8cm heavy duty fan(s)
Power Supply	Redundant 2200w Titanium Level(96%)High-Efficiency Power Supplies with I2C & PMBus Dimension (W x H x L): 106 x 84 x 245 mm
System BIOS	BIOS Type: AMI 32MB Flash ROM
Management	SuperCloud Composer; Supermicro Server Manager (SSM); Supermicro Update Manager (SUM); Supermicro Power Manager (SPM); SuperDoctor® 5 (SD5); Supermicro Thin-Agent Service (TAS); Supermicro Diagnostics Offline (SDO); Supermicro IPMI Utilities; Supermicro Intelligent Mgmt (BMC Resources); Supermicro Server Mgmt (Redfish® API)
PC Health Monitoring	FAN: Fans with tachometer monitoring Status monitor for speed control Pulse Width Modulated (PWM) fan connectors Temperature: Monitoring for CPU and chassis environment CPU: Monitors for CPU Cores, Chipset Voltages, Memory. 7+1 Phase-switching voltage regulator
Dimensions and Weight	Height: 3.46" (88 mm) Width: 17.67" (449 mm) Depth: 28" (711.2 mm) Gross Weight: 88 lbs (39.9 kg) Net Weight: 68 lbs (30.8 kg) Packaging: 9.76" (H) x 24.65" (W) x 45.28" (D) Available Color: Black front & silver body
Operating Environment	ROHS: RoHS Compliant 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	<a href="#">Super X12SPT-G</a>
Chassis	CSE-GT214BF-R2K21BP