

GrandTwin SuperServer SYS-210GT-HNC8F



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

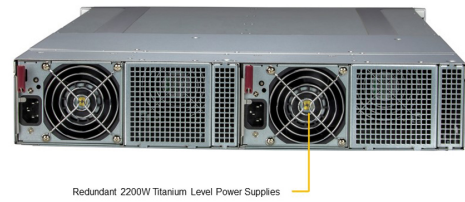
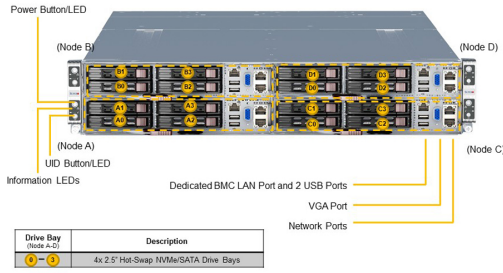
- Single-Socket, 3rd Gen Intel® Xeon® Scalable processors up to 270W TDP;
- Intel® C621A;
- 16 DIMM Slots up to 4TB (with Intel® Optane™ Persistent Memory support);
- Optional: AIOM PCIe 4.0 x16 LP (OCP 3.0 compliant);
- Integrated GrandTwin I/O Module with BMC, 2x USB, VGA and 2x 10GbE or 2x 25GbE;
- Up to 4 Hot-swap 2.5" SAS/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;
- Built-in SAS3 Support via Broadcom 3808; IT Mode;



Form Factor	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")
Processor	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)
System Memory	16 DIMM slots Up to 4TB ECC RDIMM, DDR4-3200MHz
Drive Bays	4x 2.5" hot-swap NVMe/SATA/SAS drive bays; 4x 2.5" NVMe dedicated; Optional RAID support via Broadcom® 3808 AOC
Expansion Slots	1 PCIe 4.0 x16 LP ; AIOM - PCIe 4.0 x16 LP slot(s)
On-Board Devices	SAS: SAS3 (12Gbps) via Broadcom® 3808 (IT mode) 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
Input / Output	LAN: 1 RJ45 Dedicated BMC LAN port USB: 2 USB 3.0 port(s) (2 USB) Video: 1 VGA port(s)

(Front View – System)

(Rear View – System)



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	Super X12SPT-GC
Chassis	CSE-GT214BF-R2K21BP