



More details here

# GrandTwin SuperServer SYS-211GT-HNC8R

2U 4-Node GrandTwin with up to 6 hot-swap 2.5" NVMe/SAS/SATA drives per node and rear I/O

## Key Applications

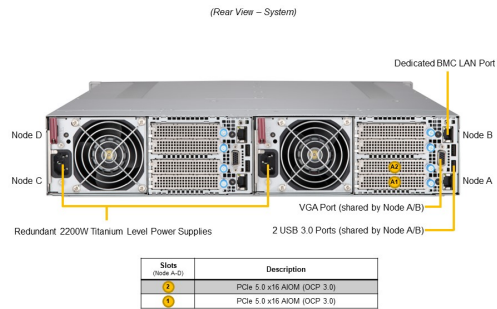
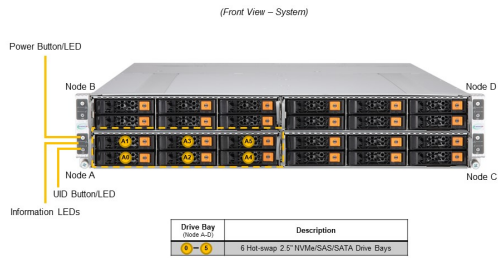
HPC, Cloud Gaming, Telco Edge, MEC (Multi-Access Edge Computing), Multi-Purpose CDN, High-availability Cache Cluster, EDA (Electric Design Automation), Mission Critical Web Applications,

## Key Features

- Four **hot-pluggable** systems (nodes) in a 2U form factor. Each node supports the following;;
- Single-Socket, 5th/4th Gen Intel® Xeon® Scalable processors up to 300W TDP;
- Intel® C741;
- 16 DIMM Slots supporting up to 4TB of memory; ECC RDIMMs up to DDR5-5600;
- 2 AIOM;
- 6x NVMe/SAS/SATA drive bays;
- 2x cooling fans per 2U enclosure, 16K 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<br>Enclosure: 449 x 88 x 711.2mm (17.67" x 3.46" x 28")<br>Package: 626 x 248 x 1150mm (24.65" x 9.76" x 45.28")                               |
| Processor                | Single Socket E (LGA-4677)<br>5th Gen Intel® Xeon®/4th Gen Intel® Xeon® Scalable processors<br>Up to 64C/128T; Up to 320MB Cache                            |
| System Memory            | Slot Count: 16 DIMM slots/2 Channels<br>Max Memory (2DPC): Up to 4TB 4400MT/s ECC DDR5 RDIMM<br>Max Memory (2DPC): Up to 2TB 5600MT/s ECC DDR5 RDIMM        |
| Drive Bays Configuration | Default: Total 6 bays <ul style="list-style-type: none"> <li>• 6 front hot-swap 2.5" NVMe/SAS/SATA drive bays</li> </ul> M.2: 2 M.2 NVMe/SATA slots (M-key) |
| Expansion Slots          | Default <ul style="list-style-type: none"> <li>• 2 PCIe 5.0 x16 AIOM slots (OCP 3.0 compatible)</li> </ul>                                                  |
| On-Board Devices         | SAS: SAS (12Gbps) via Broadcom® 3808; (IT mode)<br>Network Connectivity: Via IO Module                                                                      |
| Input / Output           | LAN: 1 RJ45 1 GbE Dedicated BMC LAN port<br>USB: 2 USB 3.0 ports<br>Video: 1 VGA port                                                                       |



|                       |                                                                                                                                                                                                                                                                                      |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| System Cooling        | Fans: Up to 2x 16K RPM Heavy Duty 8cm Fan(s)                                                                                                                                                                                                                                         |
| Power Supply          | 1x 2200W Redundant Titanium Level (96%) power supply                                                                                                                                                                                                                                 |
| System BIOS           | BIOS Type: AMI 32MB Flash ROM                                                                                                                                                                                                                                                        |
| Management            | SuperCloud Composer® (SCC); 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: 8+4 Phase-switching voltage regulator<br>Monitors for CPU Cores, Chipset Voltages, Memory.<br>Fan: Fans with tachometer monitoring<br>Pulse Width Modulated (PWM) fan connectors<br>Status monitor for speed control<br>Temperature: Monitoring for CPU and chassis environment |
| Dimensions and Weight | Weight: Gross Weight: 88 lbs (39.9 kg)<br>Net Weight: 68 lbs (30.8 kg)<br>Available Color: Silver                                                                                                                                                                                    |
| Operating Environment | RoHS Compliant<br>Operating Temperature: 10°C to 35°C (50°F to 95°F)<br>Non-operating Temperature: -30°C to 60°C (-22°F to 140°F)<br>Operating Relative Humidity: 8% to 80% (non-condensing)<br>Non-operating Relative Humidity: 8% to 90% (non-condensing)                          |
| Motherboard           | <a href="#">Super X13SET-GC</a>                                                                                                                                                                                                                                                      |
| Chassis               | CSE-GT214BC-R2K21BP                                                                                                                                                                                                                                                                  |