GrandTwin A+ Server AS -2115GT-HNTF

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

More details here

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 AMD EPYC™ 9004/9005* Series Processors (*AMD EPYC™ 9005 series drop-in support requires board revision 2.x);
- Supports up to DDR5 12 DIMM slots (1DPC), speed up to 6400 MT/s (Please check System Memory Section for detail);
- Flexible bays for either Storage or AIOM / OCP 3.0 slots;
- Integrated GrandTwin I/O module with BMC, 2 USB, VGA and dual 10GbE or 25GbE;
- Up to 4 Hot-swap 2.5" NVMe/SATA drives;
- Dual 2200W (1+1) Redundant Titanium Level power supplies (Power supply full redundancy based on configuration and application load);

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	Single processor(s) AMD EPYC™ 9004/9005 Series Processors (* AMD EPYC™ 9005 Series drop-in support requires board revision 2.x) Up to 160C/320T
System Memory	Slot Count: 12 DIMM slots Max Memory (1DPC): Up to 3TB 4800MT/s ECC DDR5 RDIMM (AMD EPYC™ 9004 Series Processor, MB R1.x/R2.0/R2.01) Max Memory (1DPC): Up to 3TB 6000MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 Series Processor, MB R2.0) Max Memory (1DPC): Up to 3TB 6400MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 Series Processor, MB R2.01)
Drive Bays Configuration	Default: Total 4 bays • 4 front hot-swap 2.5" NVMe/SATA drive bays M.2: 2 M.2 NVMe/SATA slots (M-key)
Expansion Slots	Option A* • 1 PCIe 5.0 x16 LP slot Option B • 1 PCIe 5.0 x16 AIOM slot (OCP 3.0 compatible)
On-Board Devices	Via IO Module
Input / Output	LAN: 1 RJ45 1 GbE Dedicated BMC LAN port USB: 2 USB 3.0 ports Video: 1 VGA port

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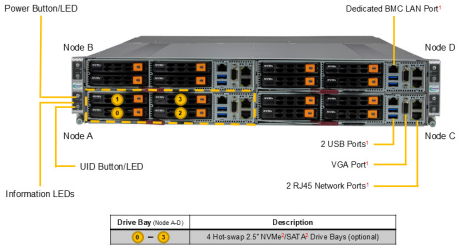
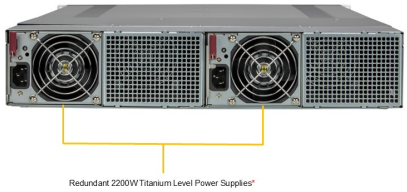
(Front View – System)



Drive Bay (Node A-D)	Description
0 – 3	4 Hot-swap 2.5" NVMe[2]/SATA[2] Drive Bays (optional)

[1] Supported by GrandTwin IO Module
[2] NVMe/SATA functionality depends on configuration chosen. Additional parts are required

(Rear View – System)



* Full redundancy based on configuration and application load

System Cooling	Fans: Up to 2x 17.6K RPM Heavy Duty 8cm Fan(s) Air Shroud: 1 per node Air Shroud
Power Supply	2x 2200W Redundant (1 + 1) Titanium Level (96%) power supplies
System BIOS	BIOS Type: AMI 32MB Flash ROM
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!
PC Health Monitoring	FAN: Fans with tachometer monitoring Pulse Width Modulated (PWM) fan connectors Status monitor for speed control Temperature: Monitoring for CPU and chassis environment Voltage: Voltage, VBAT, Memory temperature, CPU temperature, 3.3V standby, +5V standby, +5V, +3.3V, +12V, VRM temperature, CPU thermal trip support, 1.8V standby
Dimensions and Weight	Weight: Gross Weight: 88 lbs (39.9 kg) Net Weight: 68 lbs (30.8 kg) Available Color: Silver
Operating Environment	RoHS Compliant 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% (non-condensing) Non-operating Relative Humidity: 8% to 90% (non-condensing)
Motherboard	**Super H13SST-G**
Chassis	**CSE-GT214BF-R2K21BP**

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