

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

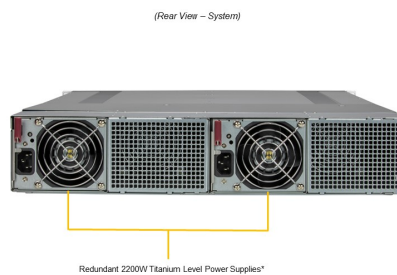
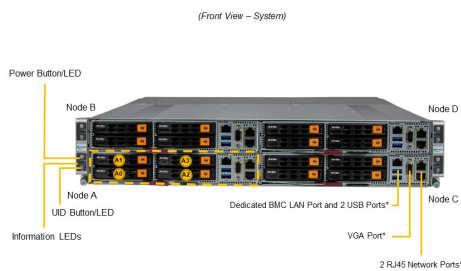
HPC, Cloud Gaming, MEC (Multi-Access Edge Computing), Multi-Purpose CDN, High-availability Cache Cluster, Telco Edge Cloud, EDA (Electric Design Automation), Mission Critical Web Applications,

Key Features

- Single-Socket, AMD EPYC™ 9004 Series Processors up to 360W TDP;
- 12 DIMM Slots , up to 3TB DDR5 memory;
- Flexible bays for either Storage or AIOM / OCP 3.0 slots;
- 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;
- Four **hot-pluggable** systems (nodes) in a 2U form factor. Each node supports the following;;



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 Socket SP5 AMD EPYC™ 9004 Series Processors Up to 128C/256T
System Memory	Slot Count: 12 DIMM slots Max Memory (1DPC): Up to 3TB 4800MT/s ECC DDR5 RDIMM
Drive Bays Configuration	Default: Total 4 bay(s) • 4 front hot-swap 2.5" NVMe/SATA drive bay(s) M.2: 2 M.2 NVMe/SATA slot(s) (M-key)
Expansion Slots	Option A* • 1 PCIe 5.0 x16 LP slot(s) Option B • 1 PCIe 5.0 x16 AIOM slot(s) (OCP 3.0 compatible)
On-Board Devices	Chipset: AMD SP5 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 1 GbE Dedicated BMC LAN port(s) USB: 2 USB 3.0 port(s) Video: 1 VGA port(s)



Drive Bay (node A-D)	Description
1 - 6	4x 2.5" Hot-Swap NVMe/SATA Drive Bays

*Supported by GrandTwin IO Module

*Full redundancy based on configuration and application load

System Cooling	Air Shroud: 1 per node Air Shroud(s) Fans: 2x 17.6K RPM Heavy Duty 8cm Fan(s)
Power Supply	1x 2200W Redundant Titanium Level power supply
System BIOS	BIOS Type: AMI 32MB Flash ROM
Management	SuperCloud Composer; Supermicro Server Manager (SSM); Supermicro Update Manager (SUM); SuperDoctor® 5; Super Diagnostics Offline ; TAS: Supermicro Thin-Agent Service (TAS); SAA(new!)
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 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 ~ 35°C (50°F ~ 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