## **GrandTwin A+ Server AS -2115GT-HNTF**



## **Key Applications**

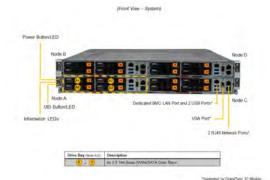
HPC, Cloud Gaming, MEC (Multi-Access Edge Computing), Multi-Purpose CDN, High-availability Cache Cluster, Telco Edge Cloud, EDA (Electric Design Automation), Mission Critical Web Applications,

## **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;



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	AMD EPYC™ 9004 Series Processor
	Single Socket (Socket SP5) supported
	TDP up to W;
	(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	12 DIMM slots
Drive Bays	4x 2.5" hot-swap NVMe/SATA drive bays (4x 2.5" NVMe hybrid)
-	2 M.2 NVMe OR 2 M.2 SATA3
Expansion Slots	1 PCIe 5.0 x16 LP slot(s)
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 Dedicated BMC LAN port
•	USB: 2 USB 3.0 port(s) (2 USB)
	Video: 1 VGA port(s)





Full reduktorry haves on configuration, and application loss

System Cooling	2x 8cm heavy duty fan(s)
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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 Supermicro Server Mgmt (Redfish® API); Supermicro Intelligent Mgmt (BMC Resources); Supermicro IPMI Utilities;

Supermicro Diagnostics Offline (SDO); Supermicro Thin-Agent Service (TAS); SuperDoctor® 5 (SD5); Supermicro Power Manager (SPM); Supermicro Update Manager (SUM); Supermicro Server Manager (SSM); SuperCloud

Composer

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 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 & sliver body

Operating Environment ROHS: RoHS Compliant

Operating Temperature:  $10^{\circ}$ C  $\sim 35^{\circ}$ C ( $50^{\circ}$ F  $\sim 95^{\circ}$ F) Non-operating Temperature:  $-30^{\circ}$ C to  $60^{\circ}$ C ( $-22^{\circ}$ F to  $140^{\circ}$ 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