Storage A+ Server ASG-2115S-NE332R

Key Applications

Software-defined Storage, In-Memory Computing, Data Intensive HPC, Private & Hybrid Cloud, NVMe Over Fabrics Solution,

Key Features

- Single Socket SP5 AMD EPYC™ 9004 Series processors. Up to 350W TDP.;
- Supports 24 DIMMs with 2DPC, up to 6TB memory capacity with 24 DIMMs of 256GB 3DS RDIMM/RDIMM DDR5 ECC memory;
- Two PCIe 5.0 x16 slots & two AIOM connectors (OCP 3.0 SFF compliant);
- 32x hot-swap E3.S (7.5mm) NVMe drive bays;
- Redundant Titanium 2000W Power Supplies;

Form Factor	2U Rackmount Enclosure: 438.4 x 89.8 x 789.9mm (17.2" x 3.5" x 30.8") Package: 673.1 x 254 x 1098.55mm (26.5" x 10" x 43.25")
Processor	Single Socket SP5 AMD EPYC™ 9004 Series Processor (the latest AMD EPYC™ 9004 Series Processor with AMD 3D V-Cache™ Technology) Supports 200W - 350W TDP CPUs (Air Cooled)
System Memory	Memory Capacity: 24 DIMM slots Up to 4TB: 16x 256 GB DRAM Up to 6TB: 24x 256 GB DRAM Memory Type: 4800MHz ECC DDR5 RDIMM;LRDIMM
Drive Bays	32x E3.S Hot-swap NVMe (1T/2T) drive slots 2x PCIe 3.0 (NVMe slots) M-Key, 2280 and 22110
Expansion Slots	2 PCIe 5.0 x16 FH slot(s) 2 PCIe 5.0 x16 AIOM slot(s)
On-Board Devices	Chipset: System on Chip Network Connectivity: Via AIOM 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 IPMI LAN port USB: 4 USB 3.0 port(s) (2 rear; 2 front) Video: 1 VGA port(s)

System Cooling	Fans: 4 Heavy Duty 8cm Fan(s)
Power Supply	2000W Redundant Titanium Level power supplies
System BIOS	BIOS Type: AMI 32MB SPI Flash EEPROM
Management	Redfish API; Supermicro Server Manager (SSM); Supermicro Update Manager (SUM); SuperDoctor® 5; Super Diagnostics Offline ; KVM with dedicated LAN ; IPMI 2.0

PC Health Monitoring	CPU: Monitors for CPU Cores, Chipset Voltages, Memory
	    4+1 Phase-switching voltage regulator
	FAN: Fans with tachometer monitoring
	    Status monitor for speed control
	    Pulse Width Modulated (PWM) fan connectors
	Temperature: Monitoring for CPU and chassis environment
	    Thermal Control for fan connectors

Dimensions and Weight	Height: 3.5" (89.8 mm) Width: 17.2" (438.4 mm) Depth: 30.8" (789.9 mm) Gross Weight: 77 lbs (34.93 kg) Net Weight: 55 lbs (24.95 kg) Packaging: 10" (H) x 26.5" (W) x 43.25" (D) Available Color: Silver
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 H13SSF
Chassis	CSE-236E3-R2K08P