Storage A+ Server ASG-2115S-NE332R

2U front-loading all-flash storage server with 32 E3.S NVMe drives and PCIe 5.0

More details here

Key Applications

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

Key Features

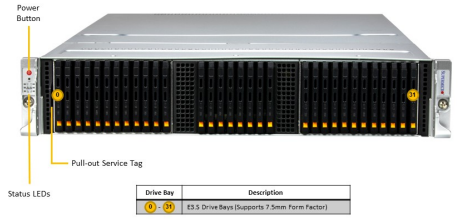
- Single Socket SP5 AMD EPYC™ 9004 Series processors. Up to 360W TDP.;
- Supports 24 DIMMs with 2DPC, up to 6TB memory capacity with 24 DIMMs of 256GB 3DS RDIMM/RDIMM DDR5 ECC memory;
- Two PCIe 5.0 x16 slots & two AIOM connectors (OCP 3.0 SFF compliant);
- 32x hot-swap E3.S (7.5mm) NVMe drive bays;
- 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 Processors
System Memory	Slot Count: 24 DIMM slots Max Memory (1DPC): Up to 4TB 4800MT/s ECC DDR5 RDIMM/LRDIMM Max Memory (2DPC): Up to 6TB 4800MT/s ECC DDR5 RDIMM/LRDIMM
Drive Bays Configuration	Default: Total 34 bay(s) • 32 front hot-swap E3.S 1T NVMe drive bay(s) • 2 rear hot-swap 2.5" SATA drive bay(s) M.2: 2 M.2 NVMe slot(s) (M-key 2280/22110)
Expansion Slots	PCI-Express (PCIe) Configuration: Default • 2 PCIe 5.0 x16 FHHL slot(s) • 2 PCIe 5.0 x16 AIOM slot(s) (OCP 3.0 compatible) M.2: 2 M.2 PCIe 3.0 x2 NVMe slot(s) (M-key 2280/22110)
On-Board Devices	Chipset: AMD System on Chip Network Connectivity: Via AIOM
Input / Output	LAN: 1 RJ45 1 GbE Dedicated IPMI LAN port(s) USB: 2 USB 3.0 port(s) (rear) 2 USB 3.0 port(s) (front) Video: 1 VGA port(s)

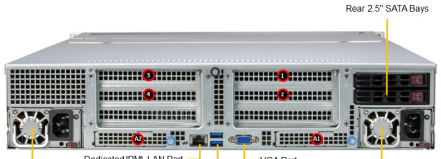
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(Front View – System)



Drive Bay	Description
0 - 31	E3.S Drive Bays (Supports 7.5mm Form Factor)

(Rear View – System)



Location	Description
1 2	PCIe 5.0 FHHL x8 (slot 1) x16 (slot 2) x8 mode when both slots are used.
3 4	PCIe 5.0 FHHL x8 (slot 3) x16 (slot 4). x8 mode when both slots are used.
A1 A2	Gen5 AIOM1, AIOM2

System Cooling	Fans: 4 Heavy Duty 8cm Fan(s)
Power Supply	1x 2000W Redundant Titanium Level (96%) power supply
System BIOS	BIOS Type: AMI 32MB SPI Flash EEPROM
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	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 Voltage: +1.8V, +12V, +3.3V, +5V, +5V standby, 10 -fan status, 3.3V standby, HT, Memory, VBAT
Dimensions and Weight	Weight: Gross Weight: 77 lbs (34.93 kg) Net Weight: 55 lbs (24.95 kg) Available Color: Silver
Operating Environment	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**

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