Storage A+ Server ASG-2015S-E1CR24L-01-G2

2U front/top-loading storage server with 24 hot-swap 3.5" SAS/SATA bays and PCIe 5.0

More details here

Key Applications

Big Data Analytics/Content Repository

Gold Configuration Details

- CPU: 1x AMD EPYC™ 9334 (32C/2.7GHz)
- Memory: 512GB DDR5-4800
- Storage: 24x 22TB 3.5" SAS3 HDD
- Storage: 1x 960GB 2.5" SATA SSD
- NIC: 1x dual 100GbE QSFP28
- Power: 2x 1600W Titanium Level
- Storage Controller: Broadcom® 3808 HBA

Base System Specs

Form Factor	2U Rackmount Enclosure: (17.2" x 3.5" x 34") Package: (29" x 12" x 52")
Processor	Single processor(s) AMD EPYC™ 9004/9005 Series Processors (* AMD EPYC™ 9005 Series drop-in support requires board revision 2.x) Up to 84C/168T; Up to 384MB Cache
System Memory	Slot Count: 12 DIMM slots Max Memory (1DPC): Up to 3TB 4800MT/s ECC DDR5 RDIMM (AMD EPYC™ 9004 Series Processor) Max Memory (1DPC): Up to 4.5TB 6000MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 Series Processor)
Drive Bays Configuration	2 M.2 NVMe slots (M-key 2280/22110)
On-Board Devices	Via AIOM
Input / Output	LAN: 1 RJ45 1 GbE Dedicated BMC LAN port USB: 2 USB 3.0 ports (rear) Video: 1 VGA port

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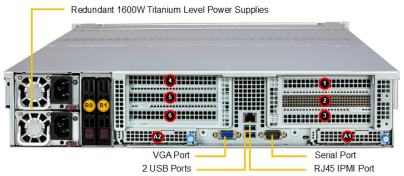
(Front View – System)

Drive Bay	Description
0 – 11	12 Hot-swap 3.5" SAS3/SATA3 Drive Bays (front)
12 – 23	12 Hot-swap 3.5" SAS3/SATA3 Drive Bays (rear)

(Rear View – System)



	Slot Description		
	Option 1	Option 2	Option 3
1	PCIe 5.0 x16	PCIe 5.0 x16	Rear NVMe N3
2	PCIe 5.0 x8*	PCIe 5.0 x8*	Rear NVMe N2
3	PCIe 5.0 x16	PCIe 5.0 x16	PCIe 5.0 x16*
4	PCIe 5.0 x8	Rear NVMe N1	Rear NVMe N1
5	PCIe 5.0 x16	Rear NVMe N0	Rear NVMe N0
6	PCIe 5.0 x16	PCIe 5.0 x16	PCIe 5.0 x16

* Occupied by 3808 SAS Controller

Drive Bay	Description
R0 – R1	2 Hot-swap 2.5" SATA3 Drive Bays

	Slot Description
A1	PCIe 5.0 x16 AIOM
A2	PCIe 5.0 x16 AIOM

System Cooling	Fans: Up to 4 Heavy Duty 8cm Fan(s) Air Shroud: 1 Air Shroud
Power Supply	2x 1600W Redundant (1 + 1) Titanium Level (96%) power supplies
System BIOS	BIOS Type: AMI 32MB SPI Flash EEPROM
Management	SuperCloud Composer® (SCC); 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: 4+1 Phase-switching voltage regulator Monitors for CPU Cores, Chipset Voltages, Memory Fan: Fans with tachometer monitoring Pulse Width Modulated (PWM) fan connectors Status monitor for speed control Temperature: Monitoring for CPU and chassis environment Thermal Control for fan connectors
Dimensions and Weight	Weight: Gross Weight: 74.5 lbs (33.79 kg) Net Weight: 52 lbs (23.59 kg) Available Color: Silver
Operating Environment	RoHS Compliant Operating Temperature: 10°C to 35°C (50°F to 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 H13SSW**
Chassis	**CSE-826S3TS-R1K62P1**

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