Storage A+ Server ASG-1115S-NE316R

1U front-loading all-flash storage server with 16 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 300W 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);
- 16x hot-swap E3.S (7.5mm) NVMe drive bays;
- Redundant Titanium 1600W Power Supplies;



Form Factor	1U Rackmount Enclosure: 438.4 x 43.6 x 773.25mm (17.2" x 1.7" x 30.4") Package: 604.774 x 199.898 x 1029.97mm (23.81" x 7.87" x 40.55")
Processor	Single Socket SP5 AMD EPYC™ 9004 Series Processors Up to 96C/192T
System Memory	Slot Count: 24 DIMM slots Max Memory (2DPC): Up to 6TB 4800MT/s ECC DDR5 RDIMM/LRDIMM
Drive Bays Configuration	Default: Total 16 bay(s) • 16 front hot-swap E3.S 1T NVMe 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)

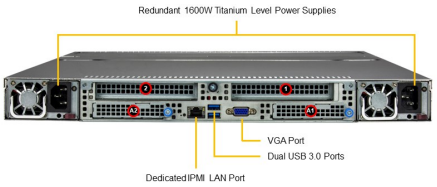
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(Front View – System)



Drive Bay	Description
0 – 15	16 E3.S (7.5mm) Drive Bays

(Rear View – System)



	Slot Description
1 2	PCIe 5.0 x16 FHHL
A1 A2	PCIe 5.0 x16 AIOM

System Cooling	Fans: 8 Heavy Duty 4cm Fan(s)
Power Supply	1x 1600W 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: 68.74 lbs (31.2 kg) Net Weight: 48 lbs (21.8 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: 8% to 95% (Non-condensing)
Motherboard	**Super H13SSF**
Chassis	**CSE-126E32-R1K62P**

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