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

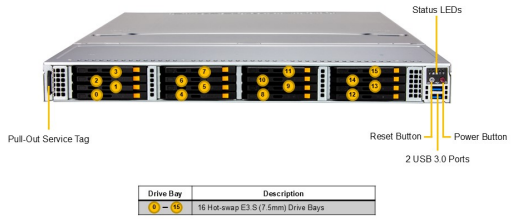
- Single Socket SP5 AMD EPYC™ 9004/9005 Series processor; up to 300W TDP;
- Supports 24 DIMMs with 2DPC, up to 9TB memory capacity with 24 DIMMs of 384GB 3DS RDIMM/RDIMM DDR5 ECC memory;
- 2 PCIe 5.0 x16 slots & 2 AIOM connectors (OCP 3.0 SFF compliant);
- 16 Hot-swap E3.S (7.5mm) NVMe drive bays;
- 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 processor(s) AMD EPYC™ 9005/9004 Series Processors Up to 96C/192T
System Memory	Slot Count: 24 DIMM slots Max Memory (1DPC): Up to 4.5TB 5200MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 Series Processor) Max Memory (2DPC): Up to 9TB 4400MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 Series Processor) Max Memory (1DPC): Up to 3TB 4800MT/s ECC DDR5 RDIMM (AMD EPYC™ 9004 Series Processor) Max Memory (2DPC): Up to 6TB 4000MT/s ECC DDR5 RDIMM (AMD EPYC™ 9004 Series Processor)
Drive Bays Configuration	Default: Total 16 bays • 16 front hot-swap E3.S 1T PCIe 5.0 x4 NVMe drive bays M.2: 1 M.2 PCIe 3.0 x2 NVMe slot (M-key 2280/22110) 1 M.2 PCIe 3.0 x4 NVMe slot (M-key 2280/22110)
Expansion Slots	PCI-Express (PCIe) Configuration: Default • 2 PCIe 5.0 x16 FHHL slots • 2 PCIe 5.0 x16 AIOM slots (OCP 3.0 compatible) M.2: 2 M.2 PCIe 3.0 x2 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) 2 USB 3.0 ports (front) Video: 1 VGA port

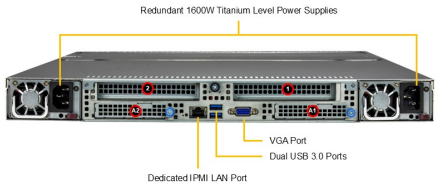
©2026 Copyright Super Micro Computer, Inc. All rights reserved. *Product specifications may change without notice

(Front View – System)



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

(Rear View – System)



	Slot Description
1 2	PCIe 5.0 x16 FHHL
M1 M2	PCIe 5.0 x16 AIOM

System Cooling	Fans: Up to 8 Heavy Duty 4cm 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 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 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: 8% to 95% (Non-condensing)
Motherboard	**A+ Motherboard® H13SSF**
Chassis	**CSE-126E32-R1K62P**

©2026 Copyright Super Micro Computer, Inc. All rights reserved. *Product specifications may change without notice