

Storage SuperServer SSG-221E-NE324R

Key Applications

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

Key Features

- Dual Socket E (LGA-4677) 4th Generation Intel® Xeon® Scalable processors. Up to 270W TDP.;
- Supports 32 DIMMs with 2DPC, up to 8TB memory capacity with 32 DIMMs of 256GB 3DS RDIMM/RDIMM DDR5 ECC memory;
- Two PCIe 5.0 x16 slots & two PCIe x8 slots and two AIOM connectors (OCP 3.0 SFF compliant);
- 24x 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")
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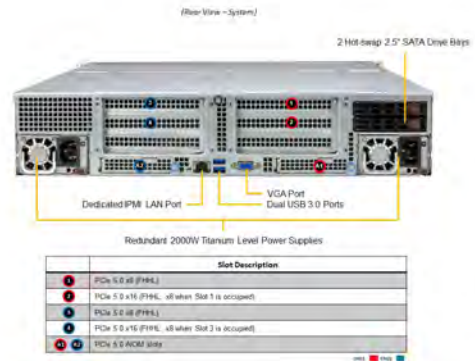
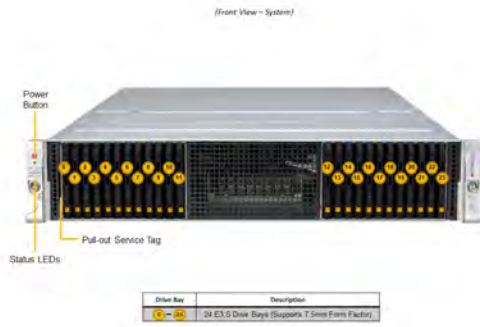
Processor	Dual Socket E (LGA-4677) 4th Gen Intel® Xeon® Scalable processors Supports 145W - 350W TDP CPUs (Air Cooled)
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System Memory	Memory Capacity: 32 DIMM slots Up to 8TB: 32x 256 GB DRAM Memory Type: 4800MHz ECC DDR5 RDIMM;LRDIMM
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Drive Bays	24x E3.S Hot-swap NVMe (1T) drive slots 2x PCIe 3.0 (Hybrid NVMe or SATA3) M-Key, 2280 and 22110
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Expansion Slots	1 PCIe 5.0 x8 FH slot(s) 1 PCIe 5.0 x16 FH slot(s) 1 PCIe 5.0 x8 AIOM slot(s) 1 PCIe 5.0 x16 AIOM slot(s)
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On-Board Devices	Chipset: Intel® C741 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
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System Cooling	Fans: 8 Heavy Duty 8cm Fan(s)
Power Supply	2000W Redundant Titanium Level power supplies
Management	Redfish API; Supermicro Server Manager (SSM); Supermicro Power Manager (SPM); 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 7 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 X13DSF-A
Chassis	CSE-236E3-R2K08P