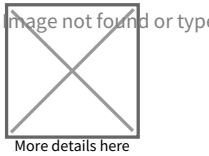


Storage SuperServer SSG-229J-5BE36JBF

2U front-loading all-flash storage box with 36 hot-swap E3.S NVMe bays and PCIe 5.0 with GPU/DPU support for LLM applications



Key Applications

Artificial Intelligence (AI), Big Data Analytics and AI, HPC and Big Data, Data Center Enterprise Applications, Low Power, Cost effective, NVMe Over Fabrics Solution, Large Language Model (LLM),

Key Features

- IPMI management with dedicated LAN
BF3 management with shared LAN;
- Up to 3 PCIe 5.0 x16 FHFL slots
Up to 2 DPU and 1 GPU per node;
- Up to 36 front hot-swap E3.S 1T NVMe drive bays;
- 2 Redundant 2000W Titanium Level power supplies;
- Two **hot-pluggable** systems (nodes) in a 2U form factor. Each node supports the following;



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| Form Factor | 2U Rackmount Enclosure: 449.4 x 88 x 762mm (17.7" x 3.47" x 30") Package: 670 x 245 x 1100mm (26.37" x 9.64" x 43.3") |
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| Drive Bays Configuration | Default: Total 36 bays <ul style="list-style-type: none"> • 36 front hot-swap E3.S 1T NVMe drive bays M.2: 2 M.2 PCIe 5.0 x4 NVMe slots (M-key 2280/22110) |
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| Expansion Slots | Default <ul style="list-style-type: none"> • 3 PCIe 5.0 x16 FHFL slots |
|------------------------|--|

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| On-Board Devices | Chipset: System on Chip Network Connectivity: 2 RJ45 1GbE with NVIDIA® ConnectX®-7 or Bluefield®-3 1 RJ45 1GbE with Realtek |
|-------------------------|---|

| | |
|-----------------------|---|
| System Cooling | Fans: 6 Heavy Duty 60mm Fan(s) |
| Power Supply | 2x 2000W Redundant Titanium Level (96%) power supplies |
| 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! |
| Dimensions and Weight | Weight: Gross Weight: 94.8 lbs (43 kg) Net Weight: 71.88 lbs (32.6 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 BPN-NVME5-229PL-J |
| Chassis | CSE-229ES-R000RCNDP |
