

# Storage SuperServer SSG-229J-5BE36JBF

2U front-loading all-flash Modular Bluefield-3 based SDS Storage enclosure with 36 hot-swap 2.5" NVMe bays and PCIe 5.0 with GPU/DPU support for LLM applications



## Key Applications

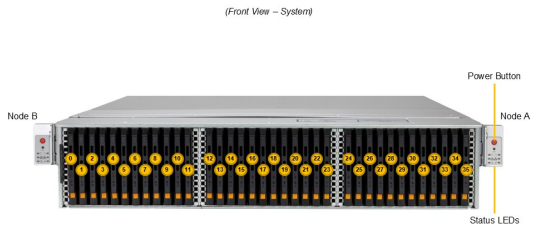
Big Data Analytics and AI, HPC and Big Data, Data Center Enterprise Applications, Artificial Intelligence, Low Power, Cost effective, NVMe Over Fabrics Solution, Large Language Model (LLM),

## Key Features

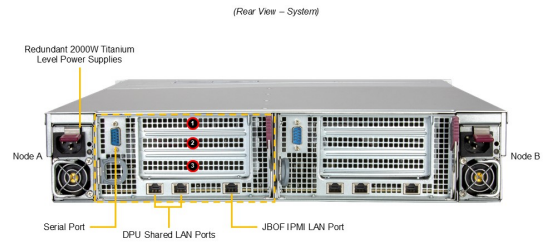
- Two **hot-pluggable** systems (nodes) in a 2U form factor. Each node supports the following;;
- IPMI management with dedicated LAN; BF3 management with shared LAN;
- Up to 3 PCIe 5.0 x16 FHFL slots  
Up to 2 DPU and 1 GPU per node;
- Up to 36 front hot-swap E3.S 1T NVMe drive bays;
- 2 Redundant 2000W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



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")
Drive Bays Configuration	Default: Total 36 bays <ul style="list-style-type: none"> <li>• 36 front hot-swap E3.S 1T NVMe drive bays</li> </ul> M.2: 2 M.2 PCIe 5.0 x4 NVMe slots (M-key 2280/22110)
Expansion Slots	Default <ul style="list-style-type: none"> <li>• 3 PCIe 5.0 x16 FHFL slots</li> </ul>
On-Board Devices	2 QSFP+ 200GbE with NVIDIA® BlueField®-3 1 RJ45 1GbE with Realtek



Drive Bay	Description
1 - 36	36 Hot-swap E3.S/NVMe Drive Bays



Slot	Slot Description
1	PCIe 5.0 x16 FHHL for DPU
2	PCIe 5.0 x16 FHFL for GPU

System Cooling	Fans: Up to 6 Heavy Duty 60mm Fan(s)
Power Supply	2x 2000W Redundant Titanium Level (96%) power supplies
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!
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 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	<a href="#">Super BPN-NVME5-229PL-J</a>
Chassis	<b>CSE-229ES-R000RCNDP</b>