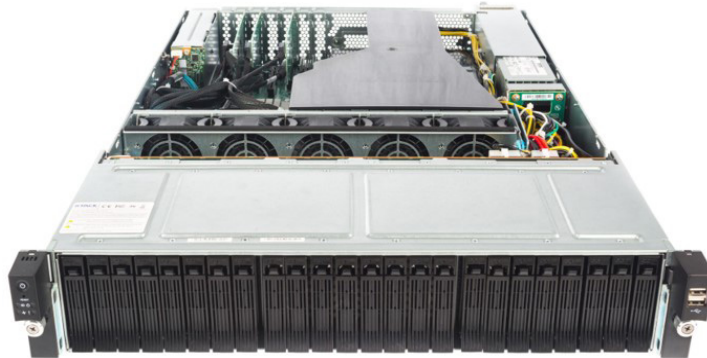


SV224-2V4-0

2U 24x All-Flash NVMe Storage Solution

Tackle your most demanding storage performance requirements with an all-flash NVMe storage solution



System Benefits

Flexible 2U form factor engineered for configuration and application efficiency, this highly reliable solution delivers remarkable performance and versatile expandability. It is ideal for high performance solution-based computing.

Remarkable Performance

Featuring flexible storage capacity, processing power, and fast DDR4 memory, this solution maximizes data center performance and efficiency.

- NVMe drives offer high-speed, reduced latency and increased IOPs to unlock the full performance capabilities of today's processors.
- Fast DDR4 memory and the increased processor cycles and threads of the Intel® Xeon® processor family means that you can achieve better response time for more applications running simultaneously.

Versatile Expandability

This 2U solution is highly adaptable to meet your needs and offers configurable options.

For disk drives:

- A 2U-24 2.5" system
- The two rear drives can be NVMe/SAS/SATA

Six PCIe add-in card slots allow for a wide array of network connectivity into the solution to fit whatever your application needs.

Features

- Hot pluggable NVMe
- High reliability
- Scalable for high-performance or low-cost savings
- Prevent spikes in latency as more users access the data
- Support real time data analytics

Target Workload

- CEPH
- ICSI/iSER
- NoSQL/NewSQL
- SMB3
- VSAN
- Traditional DB

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Specifications

Chassis	
Form Factor	2U EIA 310-D Rackmount
Model	SV224-2V4-0
Processor/Cache	
CPU	<ul style="list-style-type: none"> 2x Intel® Xeon® E5-2600v3/v4 up to 145W Dual Socket R3 (FCLGA2011-3)
Cores/Cache	Up to 22 cores/55MB cache
System Memory	
Memory Capacity	<ul style="list-style-type: none"> 16x DDR4 DIMM slots Up to 2400MHz L/RDIMM, 1024GB
Memory Type	Up to 2400 ECC DDR3 SDRAM 72-bit
DIMM Size	<ul style="list-style-type: none"> RDIMM: 32GB, 16GB, 8GB, 4GB LRDIMM: 64GB, 32GB
On-Board Devices	
Chipset	Intel® C612 Chipset
IPMI	IPMI 2.0 with virtual media over LAN and KVM-over-LAN support
Network Controllers	<ul style="list-style-type: none"> Dual port 1GbE, (Intel® Ethernet Controller I350-BT2) or Dual port 10GBase-T (Intel® Ethernet Controller X540-BT2) Optional 10GbE SFP+ Optional 25GbE SFP+
Additional Input/Output	
USB	2x USB 3.0 (rear), 2x USB 2.0 (front)
Video	1 external VGA port
Serial Port/Header	1 external DB-9 serial port
Dimensions	
W x H x L	17.15" x 3.43" x 28"
Weight	23 lbs barebone system

Front Panel	
Buttons	<ul style="list-style-type: none"> Power Off/On System Reset
LEDs	<ul style="list-style-type: none"> Power Status Identification Fan Fault System Fault
Expansion Slots	
PCIe	<ul style="list-style-type: none"> 3x PCIe v3.0 x16 add-on cards 3x PCIe v3.0 x8 add-on cards <p>Note: Some PCIe slots may be used depending on networking and storage configuration requirements.</p>
Drive Bays	
Hot swap	<ul style="list-style-type: none"> 24x 2.5" NVMe only 2x 2.5" SAS/SATA/NVMe drives (rear)
System Cooling	
Fans	4+1 hot-swappable, redundant fans
Power Supply	
1200W 1+1 Redundant Platinum hot-swappable PSUs	
Total Output Power	1200W
Input	200-240VAC/9A/50-60Hz
Operating Environment/Compliance	
Operating Temperature	10°C to 45°C
Non-Operating Temperature	-40°C to 65°C
Operating Altitude	0 to 10,000 ft.
Non-Operating Altitude	1 to 40,000 ft.
Compliance/Regulatory	RoHS, FCC, UL, CE

Warranties and Limitation of Liability

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