

SVCJ2345SH

JBOD Storage Platform for 21" Racks



2U 45-Drive JBOD for 21" Racks

The SVCJ2345SH torpedo JBOD from StackVelocity increases storage density for your 21" rack deployments by matching the storage form factor to the server. Designed to be versatile, reliable, and cost effective, the SVCJ2345SH provides substantial capacity in an extremely efficient footprint.

Specifications

Chassis	
Form Factor	<ul style="list-style-type: none">• 2U 21" Rack• Fits single and dual power bar rack designs
Capacity	<p>Contains three drive trays, each holding 15 3.5" HDDs</p> <ul style="list-style-type: none">• Per sled: 90TB (using 6TB drives)• Per shelf: 270TB (using 6TB drives) <p>Can be zoned as one 15x drive zone or two 7x drive zones</p>
Temperature Management	Uses six 60mm hot-swappable fans to cool the system

I/O Module	
Host Connection	Dual 12G SAS 3.0 Mini-SAS HD connectors at the front of each drive tray for dual zoning capabilities
Internal connections	LSI SAS Expander SAS3x24R
Enclosure Management	Uses SES commands accessible through the SAS Expander
Debug Interface	Supports OCP debug card



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Reliability, Availability & Serviceability

Hot Swap

- Drives, sleds and fans are hot-swappable for fast, easy maintenance in the data center
- Rails support full extraction of the sled
- Internal cable management arm for power and signal cables

Physical

Dimensions (H x W x D)

- 536mm x 92.5mm x 798.5mm (not including fans or cables out of front)
- 536mm x 92.5mm x 868.5mm (including fans, not cables)

Weight

- Without drives: ~25 kg
- Fully Populated: ~64kg

Power

- 800W maximum (all components at maximum consumption)
- Expected maximum during operation: 680W
- Less than 200W in cold storage applications

Environmental

Temperature

Ambient temperature operating range with HDD: 5°C to 35°C

Elevation

0-100m (0-3,300 ft) before derating

Shock and Vibration

60G operational and 12G non-operational shock

Compliance

Environmental Compliance

RoHS, FCC, UL, CE

Warranties and Limitation of Liability

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