

# SD4100

## 2U 12 HDD SAS-4 Storage Expansion System



SD4100 is an economical 2U 12 drive bay enterprise-class SAS-4 storage expansion platform with redundant architecture for greater data availability. It offers flexible, easy deployment, ideal for both small businesses and large enterprises that require a high level of efficiency and performance.

**The SD4100 is ideal for:**

- Backup and Recovery
- Data Replication
- Scalable Software-Defined-Storage
- Archive Storage

### FEATURES

- 2U enclosure for fitment in standard 19" wide racks
- Cable management assembly (CMA) not required
- Up to 12 3.5" form factor drives
- SAS-4 system uplink
- SAS-3 or SATA-3 connectivity to drives
- 13W max. power per drive bay @ 35°C
- Two hot-swappable expansion SAS modules (ESM)
  - Four 24G SAS-4 mini-SAS HD ports per ESM
  - One UART via USB-C

### POWER AND COOLING

- Two power efficient 800W CRPS PSUs (Lot-9 Compliant)
- 100-127,200-240V AC input
- Three 40mm dual-rotor fans per ESM

### PHYSICAL DIMENSIONS

- Height: 87 mm (2U)
- Width: 446 mm
- Depth: 545 mm

### ENVIRONMENTAL

- Operating Temperature: 5°C to 35°C
- Non-operating Temperature: -40°C to 60°C
- Humidity: 8% to 80% RH
- Altitude: 0 to 950 m (De-rate temperature 1°C per 300 m above 950 m)
- Sound Power: (23+/-2°C) <7.6Bel



**Enterprise-Class Quality. Cloud Economics.**

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## APPROVALS

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EMC: EN 55032 Class A, EN55024, EN 61000-3-2,  
EN 61000-3-3, FCC part 15 Class A, VCCI Class A,  
ICES-003 Class A, GB/T9254 Class A

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Safety: IEC/EN/UL/CSA 62368-1, GB4943

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Environment: RoHS, REACH, WEEE, ERP Lot 9

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## ORDER INFORMATION

### **R4086-F9001-01:**

JBOD system (chassis, PSUs,  
SAS-4 I/O modules, fan modules)

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12x drive carriers

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6x dummy drive carriers

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Rail kit set

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*Note: All specifications and figures are subject to change without prior notice.*