

# EPICa

## EP-4423J/JD-S3S3

4U JBOD Enclosure Solution



The EPICa EP-4423J/JD-S3S3 is a 19-inch 4U rackmount JBOD unit. It comes with 42 hot-swappable bays and is the Proware's most versatile SAS/SATA II Disk Expansion system, ideal for high capacity and scalability storage in most popular OS environments. Based on 3Gb SAS Channel host interfaces, the EP-4423J/JD-S3S3 supporting the choice of SAS and SATA II drive configurations to deliver the best cost-performance index with higher bandwidth.

The ability to mix SAS and SATA drives allows the EP-4423J/JD-S3S3 to be used for a range of applications that require different price/performance characteristics. Cost-effective SATA drives can be selected for capacity orientated storage such as disk-to-disk backup and the storage of reference data. Higher specification SAS drives can be employed for I/O intensive applications including transactional databases. Hosting multiple tiers of data in an EP-4423J/JD-S3S3 configuration gives organizations the flexibility to meet both their technical requirements and budgetary constraints with a single unified solution.

### *Features*

#### **Modular Design With Common Parts**

- Inventory control efficiency
- Cost-saving benefits to the end-user

#### **Power Supply**

- Power Supply and cooling system contained in 1 module for efficient cooling
- 1100W power supplies to meet the future HDD power consumption

#### **Enclosure**

- Modules are interchangeable with other EPICa products
- Hardware expansion slots keeps you up-to-date on the latest technologies
- Incorporates a cableless design for maximum signal integrity

#### **SES**

- Utilizes industry-standard SCSI Enclosure Services to monitor enclosure and disk environmental conditions



# Series Technical Specifications

## EP-4423J-S3S3 / EP-4423JD-S3S3

<b>RAID Controller</b>	JBOD
<b>Controller</b>	Single / Redundant
<b>Host Interface</b>	4x mini SAS (3Gb/s)
<b>Disk Interface</b>	SAS 3Gb or SATA II
<b>SAS expander</b>	4x mini SAS (3Gb/s)
<b>Capacity</b>	
- Direct Attached	42 Disks
- Expansion	Refers to controller specification
<b>Monitor Port support</b>	Yes
<b>Enclosure</b>	
<b>Platform</b>	Rackmount
<b>Form Factor</b>	4U
<b># of Hot Swap Trays</b>	42
<b>Tray Lock</b>	Yes
<b>Disk Status Indicator</b>	Access / Fail LED
<b>Backplane</b>	SAS / SATA II Single BP
<b># of PS/Fan Modules</b>	1100W x 2 w/PFC
<b># of Fans</b>	11
<b>Power requirements</b>	AC 90V ~ 254V Full Range, 50Hz~60Hz
<b>Environmental</b>	
<b>Relative Humidity</b>	10% ~ 85% Non-condensing
<b>Operating Temperature</b>	10°C ~ 40°C (50°F ~ 104°F)
<b>Physical Dimension</b>	810(L) x 482.6(W) x 176(H) mm
<b>Weight (Without Disk)</b>	48.5 Kg

Specification is subject to change without notice.

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**PROWARE TECHNOLOGY CORP.**  
Tel:886-2-2914-8001(Rep.) Fax:886-2-2914-7975  
<http://www.proware.com.tw> E-mail:info@proware.com.tw

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