EPICa

EP-4806J/JD-S6S6

4U 80Bays 6Gb SAS JBOD Enclosure Solution

The EPICa EP-4806J/JD-S6S6 is a ultra high density 19-inch 4U rackmount JBOD unit. It features the latest SAS2 (6Gb/s) interface and designed to fit in with the environments which needed highly reliable and relentless data growth. The EP-4806J/JD-S6S6 is also a versatile SAS2 / SATA3 Disk Expansion system, ideal for high capacity and scalability storage in IT demands. Based on the 6G SAS2.0 technology, the EP-4806J/JD-S6S6 supporting the choice of SAS2 and SATA3 drive configurations to deliver the best cost-performance index with higher bandwidth.

Features

- 80 hot-swappable drive bays in a rackmount 4U chassis
- Simultaneously support SAS2 or SATA3 disk
- Single or dual SAS2 JBOD controller module
- Each SAS2 JBOD controller module consist of four mini SAS (4X) port
- Modulize design of JBOD controller, power supply and cooling system
- Four 650W high efficiency redundant hot swappable power supplies
- Incorporates a cableless design for maximum signal integrity
- Utilizes industry-standard SCSI Enclosure Services to monitor enclosure and disk environmental conditions

Enclosure monitoring

- S.E.S. support for standard enclosure management
- System LED indications
- Fan speed monitoring
- Power supply monitoring
- System voltage monitoring
- System temperature monitoring
- System alarm

Series Technical Specifications

Model	EP-4806J-S6S6 / EP-4806JD-S6S6
RAID Controller	JBOD
Controller	Single / Redundant
Host Interface	Two / Four 6Gb/s SAS (SFF-8088)
Disk Interface	6Gb/s SAS, 6Gb/s SATA
SAS expansion	Two / Four 6Gb/s SAS (SFF-8088)
Capacity	
- Direct Attached	80 Disks
- Expansion	Refers to controller specification
Monitor Port support	Yes
Enclosure	
Platform	Rackmount
Form Factor	4U
# of Hot Swap Trays	80
Tray Lock	Yes
Disk Status Indicator	Access / Fail LED
Backplane	SAS / SATA
# of PSU	650W x 4 (with PFC)
# of Fans	12
Power requirements	AC 90V ~ 264V Full Range, 50Hz~60Hz, 10A-5A
Default Slide Rail: Post to Post 800mm~1090mm (32"~42") / Option: Post to Post 750mm~900mm (29"~35")	
Environmental	
Relative Humidity	10% ~ 85% Non-condensing
Operating Temperature	10°C ~ 40°C (50°F ~ 104°F)
Physical Dimension	950(L) x 482.6(W) x 177(H) mm
Weight (Without Disk)	45.5 / 48Kgs

Specification is subject to change without notice.
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