

EPICa

EP-3166J1-SCSC EP-3166JD1-SCSC

3U 16Bays 12Gb/s SAS JBOD Enclosure Solution



The EPICa EP-3166J1/JD1-SCSC is a 19-inch 3U rackmount JBOD unit with optimized solutions for servers and external storage systems. It features the latest SAS 3.0 12Gb/s interface and designed to fit in with the environments which needed highly reliable and relentless data growth. EP-3166J1/JD1-SCSC incorporates the latest enhancements in SAS along with LSI DataBolt bandwidth optimizer technology (EDFB, End Device Frame Buffering). Using DataBolt, it delivers optimized throughput by allowing users to gain 12Gb/s host speeds with current-generation 6Gb/s drives. The EP-3166J1/JD1-SCSC is also a versatile SAS3 / SATA3 disk expansion system, ideal for high capacity and scalability storage in IT demands. The EP-3166JD1 series also supports dual JBOD controllers which provide better fault tolerance and higher reliability of system operation. The EP-3166J1/JD1-SCSC offers GUI management to monitor enclosure environmental conditions through a remote connection.

Highest Density Available

- 3U chassis with 16 bays carriers
- Support the latest 2.5"/3.5" enterprise class SAS3/SATA3 HDD or SSD drives

High Availability

- Single or dual SAS JBOD controller module
- Each SAS JBOD controller module consist of three 4x mini SAS HD ports
- Utilizes LSI DataBolt bandwidth optimizer technology

Power Supply

- Power supply and cooling system contained in 1 module for efficient cooling
- Two 500W redundant hot swappable power supplies

Enclosure

- Incorporates a cableless design for maximum signal integrity
- Utilizes industry-standard SCSI enclosure services(SES) 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
- Remote GUI management



Series Technical Specifications

Model	EP-3166J1/JD1-SCSC
JBOD Controller	Single / Redundant
Host interface	One 4x mini SAS HD (12Gb/s) / Two 4x mini SAS HD (12Gb/s)
Drives interface	12Gb/s SAS, 6Gb/s SATA
SAS expansion	Two 4x mini SAS HD (12Gb/s) / Four 4x mini SAS HD (12Gb/s)
Enclosure	
Platform	Rackmount
Form factor	3U
# of hot swap trays	16
Disk status indicator	Access / Fail LED
Backplane	SAS / SATA Single BP
# of PS/Fan modules	500W x 2 w/PFC
# of fans	4
Monitor port support	Yes
Power requirements	AC 90V ~ 264V Full Range , 10A ~5A , 47Hz ~ 63Hz
Environmental	
Relative humidity	10% ~ 85% Non-condensing
Operating temperature	10°C ~ 40°C (50°F ~ 104°F)
Physical dimension	590(L) x 482 (W) x 131(H) mm
Weight (Without disk)	24 / 25 Kgs

Specification is subject to change without notice.

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