


**SAS & SATA JBOD**
**Multi-purpose Enclosure Solution**
**12 TB in a single 2U Box ! 600MB+/sec !!**

The E-2128J is the most versatile SAS/SATA II Disk enclosure system, ideal for midrange and high capacity storage application environments. Based on 3Gb SAS host interface, the E-2128J supports the choice of SAS (Serial Attached SCSI), and/or SATA II (Serial ATA) drive configurations. It is capable to deliver a system bandwidth of up to 1,200 MB/sec.

**Features & Benefits**

- **Cable-less & Modular Design** - Cable-less backplane and IO module guarantees maximum data signal integrity, eliminating potential troubles by cable-wiring, easy to service and maintain.
- **Staggering Spin-Up** - Built-in staggering spin-up for hard disks at power up. The feature extends the life/duty cycle of the hard disks and power supply.
- **LCD Display & Enclosure ID** - Includes LCD to display critical information of the enclosure. Also, the LCD shows the ID of the enclosure, so in a multiple enclosure environment, when the RAID management tells which enclosure has drive failure, you know exactly which enclosure to look for.
- **Enclosure Management (SES)** - Utilizes industry-standard SCSI Enclosure Services (SES) to monitor enclosure and disk environmental conditions, and communicate with host RAID adapter and shows those info from within the RAID management console.
- **Scalability** - Supports up to 4 enclosures chained together for capacity expansion.
- **Multi-purposes** - Supports both SAS (Serial SCSI) or SATA disks to meet the requirements of different applications with different price/performance characteristics. Cost-effective SATA drives can be used for capacity oriented storage such as disk-to-disk backup, and data-archiving, or digital video editing. Enterprise level SAS drives can be employed for I/O intensive applications including transactional databases
- **Enclosure Craftsmanship** - Compact 2U x 12 Bay with very short depth (18.12"), Built with strong metal material. Excellent cooling without noise
- **Wide Range RAID Adapters Support** - Compatible with Areca ARC-1680X, LSI SAS MegaRAID, Intel SAS RAID, Adaptec SAS RAID, and 3Ware SAS RAID Adapters.

**Technical Specifications**

<b>Model</b>	E-2128J
<b>Form Factor</b>	2U /19" rackmount chassis
<b>Number of Disks</b>	12 x 3.5" SAS or SATA on Hot-Swap Trays
<b>Host Bus Interface</b>	1 x IN-Port, 1 x 4 Lane SAS, 8088 connector, Up to 300 MB/s per Lane, 1200MB/sec over 4 Lanes
<b>Disk Bus Interface</b>	3.0 Gb SAS or SATA II
<b>Expansion Interface</b>	1 x OUT-Port, 1 x 4 Lane SAS, 8088 connector, Up to total of 4 boxes/48 drives can be chained together
<b>Backplane</b>	Cable-less 3.0 Gb SAS for SAS or SATA II HDDs
<b>Tray Lock</b>	Yes, w/ Lock Indicator
<b>Disk Status Indicator</b>	Access / Fail LED w/ 170° view
<b>Enclosure Monitoring (SES)</b>	In Band SES via SAS
<b>LCD Display</b>	Enclosure ID, and Enclosure Info & Disk Info
<b># of PS/Fan Modules</b>	Redundant Power Supply 400W x 2
<b># of Fans per Module</b>	1 (Multi-speed, auto-adjust)
<b>Power Requirements</b>	AC 90V ~ 264V Full Range; 8A ~ 4A, 50Hz ~ 60Hz
<b>Relative Humidity</b>	10% ~ 85% Non-condensing
<b>Operating Temperature</b>	10OC ~ 40 OC (50 OF ~ 104 OF )
<b>Physical Dimension</b>	460(D) x 482(W) x 88(H) mm / 18.12" D x 18.99" W x 3.47" H
<b>Weight (Without Disk)</b>	14 Kg – 30.86LB
<b>SAS RAID Adapter Compatibility</b>	<ul style="list-style-type: none"> <li>• Areca ARC-1680X / ARC-1680LP / ARC1680-IX-xx</li> <li>• Areca ARC-1300 (SAS HBA)</li> <li>• LSI SAS MegaRAID,</li> <li>• Intel SAS RAID</li> <li>• Dell PERC 6/E</li> <li>• Adaptec SAS RAID</li> <li>• 3Ware SAS RAID</li> </ul>

