JetStor RAID 6 storage systems with Advanced Data Sentry provide the highest level of data protection available for RAID storage. Field configuration flexibility, including NAS, SAN, iSCSI, multi-host and clustering, and outstanding performance from a 64-bit Intel 400 MHz RISC processor based controller ensures that JetStor systems scale, adapt to, and keep pace with future application requirements for the longest useful life. Designed for mission critical applications, the JetStor's data protection is backed by high availability features such as redundant, hot-swappable components and proactive event monitoring software.

NON-STOP ADS AVAILABILITY

JetStor storage systems are engineered for non-stop operations. Capacity can be increased and drives replaced as data remains on-line. Multiple drives may be designated as hot-spares, allowing the JetStor to transparently move data to the spare should an error be detected. RAID 6 with Advanced Data Sentry technology allows for continuous operations even with two simultaneous drive failures. Considering that RAID 6 ADS provides 1,000 times greater data protection than RAID 5, why trust your data to an older technology?

ADVANCED PERFORMANCE FEATURES

The JetStor RAID system's advanced performance features allow it to easily adapt to future application configuration, scalability and performance demands. A 64-bit Intel RISC processor delivers an internal bandwidth of 1600 MB/s from eight to sixteen independent 3Gb Serial ATA II controllers. Two Ultra 320 LVD SCSI or two 2Gbit Fibre Channel host ports allow for multiple connections to a single host for the fastest data transfer, or support for multiple hosts for clustering or sharing. Up to 1GB of cache is contained on a single industry standard DDR SDRAM, with ECC.
Ergonomically designed drive trays allow for safe on-line replacement or expansion with any SATA disk drive.

Redundant hot-swappable cooling fans, independent of the power supplies.

Redundant, hot-swappable power supplies with integrated cooling.

Front panel display and controls allow for complete unit configuration, as well as instant visual system status.

Ethernet port for Web GUI, remote monitoring, configuration and email event notification.

FEATURES:

- Supports RAID levels 0, 1, 0+1, 3, 5, 6 with ADS, and JBOD
- Online and in-place raid level migration
- Custom ASIC performs Reed-Solomon parity calculations in hardware for high-speed RAID 6 write performance
- Supports hot spare(s) and automatic online hot rebuild
- Allows online capacity expansion within the enclosure
- Local audible event notification alarm
- Built-in ethernet port for remote event notification, Web GUI, configuration and management
- Dual host channels support clustered environments
- Tagged command queuing for 255 commands allows for overlapping data streams
- Field expandable to multiple array enclosures per host
- RAID Advanced Data Sentry (ADS) provides the highest level of data protection by tolerating multiple simultaneous drive failures without downtime or data loss
- RAID ADS probability of data loss is 1/1,000 that of an equivalent RAID 5 array

SPECIFICATIONS:

<table>
<thead>
<tr>
<th></th>
<th>JetStor SATA 408S RAID 6</th>
<th>JetStor SATA 412S RAID 6</th>
<th>JetStor SATA 416S/F RAID 6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Bays / Size</td>
<td>8 bay / 2U 4000 GB</td>
<td>12 bay / 2U 6000 GB</td>
<td>16 bay / 3U 8000GB</td>
</tr>
<tr>
<td>Maximum Capacity1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SCSI Host Bus Interface</td>
<td>Two, Ultra 320 LVD SCSI</td>
<td>Two, Ultra 320 LVD SCSI</td>
<td>Two, Ultra 320 LVD SCSI</td>
</tr>
<tr>
<td>Fibre Channel Interface</td>
<td></td>
<td></td>
<td>Two, 2Gbit Fibre</td>
</tr>
<tr>
<td>Disk Bus Interface</td>
<td>Eight 3 Gb PHY SATA II</td>
<td>Twelve 3 Gb PHY SATA II</td>
<td>Sixteen 3 Gb PHY SATA II</td>
</tr>
<tr>
<td>Cache (ECC supported)</td>
<td>Up to 1GB</td>
<td>Up to 1GB</td>
<td>Up to 1 GB</td>
</tr>
<tr>
<td>Management Ports</td>
<td>Two DB9 RS/232 &amp; Ethernet</td>
<td>Two DB9 RS/232 &amp; Ethernet</td>
<td>Two DB9 RS/232 &amp; Ethernet</td>
</tr>
<tr>
<td>Power Supplies</td>
<td>Two Redundant 350W Dual Power Connections</td>
<td>Two Redundant 350W Dual Power Connections</td>
<td>Three Redundant 350W Three Power Connections</td>
</tr>
<tr>
<td>Cooling</td>
<td>Dual Redundant Blowers</td>
<td>Dual Redundant Blowers</td>
<td>Dual Redundant Blowers</td>
</tr>
</tbody>
</table>

OPERATING SYSTEMS:

Windows Server 2003, Windows 2000 & MSCS (Microsoft Cluster Server), Windows NT, Sun/Solaris, Linux, Tru64 Unix, HP/UX, OpenVMS, UnixWare, IBM AIX, SGI Irix, MAC OS, FreeBSD, Novell, OS/2, and others to be announced.

1Maximum storage capacities are calculated with 500GB SATA drives. Drive support not limited to drive capacities listed, all future drive capacities supported when available. All features, hardware and software performance specifications are subject to change without notice.