

## **PetaStor Announces Alnico 9 series : Fibre 8Gb/6Gb SAS (Host) to 6Gb SAS/6Gb SATA(Backend) RAID Subsystems**

### **Engineered to meet unparalleled performance and easy interoperability**

**Taipei, Taiwan**—November 21, 2010—PetaStor Corporation, expert in manufacturing high-reliability-and-quality disk array subsystems, announced today the release of its latest RAID subsystem series, the Alnico 9 series : Fibre 8Gb/6Gb SAS RAID subsystem series. It is designed with new generation SAS 2.0 technology and implementing the interfaces of Quad 8Gb FC hosts / 2 x 6Gb miniSAS ports as the host interface . The Alnico 9 RAID subsystem series feature strong data reliability and protection for hosts and offers advanced RAID 6 storage support. The highlighted RAID controller performance features the advanced technology, and new LSI RoC 64-bit storage processor to materialize the transmission speed performance, which is approximately 1700 ~ 2000MB/Sec.

6Gb Serial ATA( SATA) drivers for low-cost bulk storage of reference data. The Alnico 9 RAID subsystem series can support up to 24 SAS / SATA II ports to solid backplane, when coupled with JBODs (via SAS Expansion port) can support up to 122 SAS/SATAII devices connected. The Alnico 9 RAID subsystem series can be an ideal solution for enterprise-class storage applications and SAS 2.0 built on parallel SCSI by providing higher performance, improving data availability, and simplifying system design. The SAS interface supports both SAS / SATA drivers for data-intensive applications..

The Alnico 9 RAID subsystem series brings you a flexible connectivity with outstanding performance to process the large amount of data also provides comprehensive RAID functions to protect data against drive failure. For more information please contact us or browse our website at [www.petastor.com.tw](http://www.petastor.com.tw)

### **New version and experience in**

Using Alnico Fibre 8Gb RAID subsystem

### **Key Features and specification**

- 1. Two 6Gb miniSAS ports (4 x 6Gb) per controller  
( Model : AL-9161S, 9241S, AL-9121S-N, 9161S-N and 9241S-N)**
- 2. Quad 8Gb FC ports per controller  
(Model : AL-9121F-S, 9161F-S & 9241F-S)**
- 3. It is upgradeable for redundant controller mode soon, except model : AL-9121S-N, 9161S-N and 9241S-N.**
- 4. Up to 12/16/24 of 6Gb SAS/6Gb SATA channel - by backplane and total up to 122 SAS/ SATA drives via SAS expansion port ( 4 x 6Gb SAS).**

- 5. LSI 800 MHz RAID-on-Chip storage processor**
- 6. Up to 4GB DDRII-800 registered SDRAM on oneDIMM socket with ECC protection**
- 7. NVRAM for RAID configuration and transaction log**
- 8. Support RAID Level 0, 1, 1E, 3, 5, 6, 30, 50, 60, JBOD.**
- 9. Multiple RAID selection**
- 10. Firmware-embedded SNMP agent allows the remote to monitor event with no SNMP agent required.**
- 11. Support on-line volume extension and RAID level migration**
- 12. Support spin-down drivers for idle disk to extend service life (MAID)**
- 13. Battery back up module support (optional)**
- 14. Complete modularize and hot-swappable design for power supplies, cooling fans**
- 16. Web browser-based Raid management via build-in 10/100 Ethernet**
- 17. Completely Cable-less design chassis**

#### **About PetaStor**

Founded in 2003, PetaStor is one of the leading companies, manufacturing high-reliability-and-quality disk array subsystems. Today, as the issues “data security” and “performance” become more and more vital to businesses, stringent demand for continuous data availability combined with zero downtime and outstanding throughput must be met simultaneously. Our strengths are just the ability to provide such a solution. Backed by a group of high caliber engineers, PetaStor is the first to release RAID 6 technology built-in disk array subsystem. In 2005, against the logic, and ahead of the market, PetaStor, again, became the first to release the dual-port 4Gb FC host RAID subsystem, the well known AL-6160FA. Then in the early of 2008, PetaStor released a series of SAS technology-based RAID subsystems; in the early of 2009, PetaStor goes further, releasing iSCSI RAID subsystem. In the end of 2010, PetaStor unveil new generation of Alnico 9 series 6 Gb SAS RAID subsystem. PetaStor already has seven years manufacturing experienced and also built a solid reputation of deliver high quality, reliability and performance disk array subsystems along with the credibility and ability to offer fast time-to-market solutions and best maintaining services to keep our OEM partners always on the leading edge.

For more information, please visit PetaStor's website [www.petastor.com.tw](http://www.petastor.com.tw)

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