

PetaStor Announces Alnico Fibre 8Gb RAID Subsystem

Engineered to meet unparalleled performance and easy interoperability

Taipei, Taiwan—January 1, 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 Fibre 8Gb RAID subsystem series. It is upgraded from Alnico 8161F 4Gb / 8241F 4Gb based RAID subsystem, implementing the interfaces of two 8Gb FC hosts to SAS / SATA-II hard drives. The Alnico Fibre 8Gb 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 Intel 81341 64-bit storage processor to materialize the transmission speed performance, which is approximately 700 ~ 800MB/Sec.

Serial ATA(SATA) drivers for low-cost bulk storage of reference data. The Alnico Fibre 8Gb RAID subsystem series can support up to 24 SAS / SATA II ports to solid backplane. The Alnico Fibre 8Gb RAID subsystem series can be an ideal solution for enterprise-class storage applications and SAS built on parallel SCSI by providing higher performance, improving data availability, and simplifying system design. The SAS interface supports both SAS / SATA II drivers for data-intensive applications.

The Alnico Fibre 8Gb RAID subsystem series, when coupled with JBODs (via SAS Expanders), can support up to 122 SAS/SATAII devices connected. The Alnico 8 series provide the burgeoning applications like NAS, Server, medical imaging MOD with the most high-end data security without sacrificing performance concurrency.

The Alnico Fibre 8Gb 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

New version and experience in

Using Alnico Fibre 8Gb RAID subsystem

Key Features and specs

1. Two 8Gb FC-AL (SFP) - 8Gbit per Loop
2. Up to 24 of SAS/SATA-II channel - by backplane
3. Intel 81341 64-bit storage processor.
4. Up to 4GB DDRII memory on one DIMM socket with ECC protection
5. NVRAM and Real Time Clock supported
6. Support RAID Level 0, 1, 0+1, 3, 5, 6, 10, 50, 60, JBOD.
7. Multiple RAID selection
8. Firmware-embedded SMTP manager monitors all system events and user
9. Support on-line volume extension and RAID level migration
10. Support disk spin-down (MAID)
11. Support JBOD expansion
12. Optional battery back up module support
13. Complete modularized and hot-swappable design for power supplies, cooling fans
14. Management UI via serial console, SSH telnet, HTTP Web UI, and secured Web
15. Completely Cable – less 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 this 2009, PetaStor goes further, releasing iSCSI RAID subsystem. Down the road since the foundation, PetaStor has built a solid reputation of delivering 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