

# **Alnico PCIe to SAS RAID Subsystem Announced**

## *Relishing the ultimate in data throughput and scalability on OS X*

Taipei, Taiwan---January 28, 2008---Petastor, a leader in manufacturing high quality disk array subsystem, today is very proud to announce the emerging of Alnico 8241E, a new member to the Alnico RAID Subsystem 8 Series that is mainly designed to have SAS RAID storage device supported on the MAC system without the complication and compatibility of SAS HBA installing with vengeance on account of the Petastor home-designed HBA for Alnico 8241E coupled with drives for a variety of operating systems, including OS X.

Same as the rest of the other Alnico 8 series members, Alnico 8241E can be smoothly connected with Alnico SAS JBOD system and support up to 128 drives. For data security and power saving, Alnico 8241E accedes the same prowess passed down from its antecedent, Alnico 8241S and 8241F, supporting "Drive Spin Down, Scheduled- Volume Checking, and Advanced RAID 6 Technology."

The demands of higher velocity along with more reliable system (data security ) have become a trend in the storage market of late; the need for a RAID storage subsystem holding such exceptional capability is very pressing . Under this context, the Alnico 8241E is of choice, and can bring today's enterprise a totally new version and experience in the usage of SAS RAID storage device. For more information on Alnico 8241E, please visit Petastor official website [www.petastor.com.tw](http://www.petastor.com.tw)

### **Alnico 8241E Key Features**

- Firmware-embedded "Scheduled Volume Checking"
- Excellent performance powered by 64-Bit Intel 81341 I/O Processor
- Up to 2GB DDR-2-533 SDRAM with ECC protection.
- Advanced PCI-E and 64-bit PCI-X 133Mhz Bus architecture
- Single PCIe x4 ports
- Backplane allowing the mixing use simultaneously of SATAII & SAS hard drives
- Intel RAID 6 Engine
- Optional battery backup module support
- Module-designed power supply unit and fan module.
- Completely cable-less chassis
- Easy management and usage interface for the local and remote sides.
- Drive spin down support
- High quality chassis frame
- Home-designed HBA (Repeater) with drives for a variety of operating systems

## **About PetaStor**

Founded in 2003, Petastor is a leader in manufacturing high reliable, quality and cost-effective disk array subsystem for the enterprises that regard the RAID storage subsystems having high performance along with high reliability and quality as the most important matter in data security and backup. Backed by a group of high caliber engineers, Petastor is the first to have RAID 6 technology fully utilized on enterprise and entry level RAID subsystems.

In 2005, ahead of the market, PETASTOR again became the first to unveil the dual-port 4Gb FC host RAID subsystem. Today, Petastor has built a solid reputation for delivering high quality, reliability and performance RAID subsystems along with fast time-to-market solutions and best maintaining services that always keep our OEM partners on the leading edge in the competitive market.