

PetaStor Unveils Alnico 24-bay Dual Redundant Controller GbE / 10GbE iSCSI RAID Subsystem

“A perfect combination of robust performance, gigantic storage space, and advanced RAID controller redundancy”

Taipei, Taiwan - August 9, 2010 - RAID storage expert, PetaStor, Inc., expands its Alnico iSCSI RAID array series with AL-8241i-D GbE and AL-8241iA-D 10GbE dual controller RAID subsystem. AL-8241i-D / AL-8241iA-D are PetaStor's innovative iSCSI-attached, redundant controller capable RAID subsystem utilizing four Gigabit Ethernet ports (AL-8241i-D) or dual 10GbE SPF+ (AL-8241iA-D) for iSCSI connectivity on each controller in a gigantic 4U 24-bay chassis. Alnico iSCSI family provides complete iSCSI SAN benefits such as easy deployment, SAN adaptability, quick implementation, and excellent price effectiveness.

Alnico 24-bay iSCSI RAID subsystem is available for either redundant controller or single controller to flexibly satisfy the needs for various applications, the RAID controller is built with high performance dual-core storage processor, running ASIC-based RAID-5/6 parity check in one core, while TCP/IP and iSCSI off-loading task in the other. When properly configured, AL-8241i-D and AL-8241iA-D are capable of achieving unsurpassed 110,000 IO/sec in read/write full-duplex mode by single controller, and 210,000 IO/sec by dual controller, which is no doubt perfect fit for I/O demanding applications. In addition, the redundant controller supports true active/active controller configuration, cache mirroring / synchronization, controller hot-swapping, and capacity-scalable dual I/O JBOD connectivity.

Like every member of Alnico RAID, AL-8241i-D / 8241iA-D not only stand out of their gigantic storage space but also inherits all features of Alnico Series: rock-solid housing, top-quality components, completely hot-swappable / redundant / cable-less / modularized designed, management simplicity in LCD panel or Web browser-based GUI. More to the point, SMBs and enterprises will be benefited by AL-8241i-D / 8241iA-D's budget-friendly affordability, and rewarded by quick and easy deployment with existing IP network infrastructure for applications such as virtualized storage environment, IP surveillance, storage consolidation, and on-line data replication.

Key Features and specs

- Quad-port GbE on each controller. (AL-8241i / AL-8241i-D)
- Dual-port 10GbE SFP+ on each controller. (AL-8241iA / AL-8241iA-D)
- Support link aggregation, Trunking, and LACP
- Built-in hardware snapshot and VD clone function.
- Support MPIO, and MC/S
- Support multiple iSCSI target nodes,
- Support CHAP and Jumbo Frame
- Support RAID Level 0, 1, 0+1, 3, 5, 6, 10, 50, 60, JBOD.
- Support on-line volume expansion and RAID level migration
- Support disk spin-down (MAID)
- Support SAS, SATA I/II hard drive, and their intermixing.
- Microsoft VSS compliant.
- Single or Dual I/O board JBOD expansion capable
- Complete modularized hot-swappable design for power supplies, cooling fans
- Management UI via serial console, SSH telnet, HTTP Web UI, and secured Web (HTTPS)

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 <http://www.petastor.com.tw>