

Qsan 10GbE iSCSI High Availability Storage Solutions for Cloud Computing

Date: 10-14-2009 06:57 PM CET

Category: [IT, New Media & Software](#)

Press release from: [QSAN Technology, Inc.](#)



Qsan P500H Redundant 10GbE iSCSI RAID controller is now available. The P500H storage solution can provide users for dual active protection, high bandwidth cache mirroring, seamless management, multiple target nodes, high availability / load-balancing, and high performance. Qsan redundant controllers are designed on its own invented technology of active-active controller configuration, and it doesn't compromise to the performance. P500H IOPS is up to 210K and the throughput is up to 1200MB/s. At drive-side, P500H supports both SAS and SATA II interfaces. With the green feature of disk auto spindown and advanced cooling, the whole system including P500H and expansion JBOD enclosures can achieve high power efficiency and save the overall drive power cost. By the characteristics of high availability, scalability, sustainability, and high IOPS, the 10GbE iSCSI redundant controller can be applied to SQL/Exchange storage, high efficient file backup, virtualization environment, cloud storage, and high end verticals.

This October, Qsan's partners – Enhance Technology and Proware Technology will present the latest redundant 10GbE iSCSI storage solutions – 3160TG and EP-3164D-GAS3 which are integrated with Qsan's P500H 10GbE iSCSI -SAS/SATA II redundant controllers.

According to Daniel Lin, Sales Director of Qsan Technology, Inc., "Qsan iSCSI RAID controllers have been proven and installed in various applications and environments. The new P500H redundant 10GbE iSCSI controller is designed for critical requirements, such as non-stop service, high reliability, scalability, sustainability, virtualization, and of course, with a reasonable price. It is not only for cloud storage/application but also high end verticals. We are proud and confident that P500H is the best price-performance solutions to our customers." For further information, please contact Qsan, sales@Qsan.com.tw.

P500H Feature Highlights:

- Dual-active configuration
- Cache mirroring through high bandwidth channels
- Hardware iSCSI offload
- Flexible RAID group (RG) ownership management
- Management port seamless take-over
- Online FW upgrade, hot pluggable controller module for no system down time
- Up to 32 multiple target iSCSI nodes

- High availability, load balancing, fail-over
 - Host access control, jumbo frame, iSCSI header/data digest
 - Up to 128 sessions support
 - QSnap writeable snapshot
 - RAID 6, 60, N-way mirror, on-line volume migration, on-line roaming
 - SATAII drive backward compatible
 - SAS JBOD expansion
 - Green disk auto spindown, advanced cooling
 - Hot pluggable battery backup module
 - SBB Compliant
- P500H Performance per System:
- IOPS 210K
 - Throughput 1200MB/s

About Enhance Technology, Inc.

Founded in 1997, Enhance Technology designs and manufactures high performance storage systems for digital content creation, medical imaging, security surveillance, post production, data archive and IT market places. Headquartered in Santa Fe Springs, California with Asia branch in Taipei, Taiwan, Enhance Technology has become the world leader in designing and developing hybrid I/O storage solutions. For more information about Enhance Technology and the UltraStor™ RS Series, please visit www.enhance-tech.com.

About Proware Technology

Since 1994, Proware Technology Corp., a leader in the data storage marketplace, has been developing and supplying high availability, drive ready storage solutions for the channels and OEM customers in the Windows & open systems markets. Proware provides storage products for virtually all areas of the storage market. With a full range of RAID storage products, NAS Solutions & iSCSI Solutions, Proware offers complete solutions for all of your needs. Our products provide all storage interfaces including SAS, SCSI, iSCSI, SATA and Fibre Channel. For more information about Proware Technology, please visit www.proware.com.tw.

About Qsan

Founded in 2004, QSAN technology Inc. is a company developing RAID controller focusing on iSCSI / IP SAN targeting at small and medium businesses worldwide. Qsan products are designed and positioned in the way to respond to the storage technology trend not only the latest standards (e.g. 10GbE iSCSI, SAS) but also customer requirements (e.g. business continuity). For more information, please visit www.Qsan.com.tw.

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