

Qsan Powered iSCSI Storage Products are Certified by VMware

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



Qsan Technology and Enhance Technology's iSCSI storage has passed VMware Hardware Certification Program. By Qsan's P200C iSCSI GbE (X4)-to-SAS/SATAII RAID controller and Enhance's strong consolidation for enterprise & SMB storage solution, the Enhance Technology UltraStor RS16 IP-4 now is VMware ESX 3.5 compatible and fully certified.

With the largest market share in virtualization and concentration since 1998, VMware provides users for saving overall cost by its green nature for fewer servers required, reducing IT cost with high flexibility, and decreasing planned and unplanned downtime. VMware ESX 3.5 enables multiple virtual machines to share physical resource on the same server hardware, run unmodified operation systems and applications, and run the most resource-intensive applications side by side on the same server. VMware also provides variety of operation system choices for most of usages and applications. By the long time of verification and stress test, VMware VMtion can leverage the complete virtualization of servers, storage systems and networking to move an entire running virtual machine instantaneously from one server to another. And it only takes seconds. With more features not mentioned here, VMware makes virtualization and your cost a lot of easier.

Enhance Technology UltraStor RS16 IP-4 is the latest iSCSI GbE (X4)-to-SAS/SATAII storage system which is composed of Qsan Technology P200C iSCSI RAID controller. Qsan P200C is built around with Qsan innovative RAID stack, featuring industry-leading performance on Intel IOP platform. With 4 GbE iSCSI ports connected to the host/GbE switch, either working independently, trunking/LACP, or MPIO together, the benchmark data shows up to 120,000 IOPS and the throughput can achieve up to 600MB/sec. The outstanding performance is produced by not only the highly-optimized Qsan storage stack but also strong computing power offered by Intel Xscale IOP342. At drive-side, P200C supports SAS drives, thus SATA compatible. Not only it supports up to 16 drives in single enclosure, there is a SAS JBOD expansion port built-in, connectible up to 4 SAS JBODs (Enhance Technology UltraStor RS16 JS) and up to 80 drives installed. The SAS interface adds flexibilities, higher performance, and very cost effective expansion. And with the green feature of disk auto spindown supported by Qsan, the whole system including one P200C and four SAS JBOD enclosures with fully loaded 80 hard drives can achieve high power efficiency and save the overall drive power cost. Other useful features are also included, such as RAID 6, on-line migration, web-based management, snapshot (QSnap) and so on. For further information, please contact Qsan,

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P200C Feature Highlights:

- iSCSI (X4)-to-SAS/SATAII RAID controller
- Hardware iSCSI off-load engine enabled
- IOPS 120,000
- Throughput up to 600MB/s
- QSnap w/o relying on host software
- Windows MPIO support
- SAS JBOD expansion support, up to 4 SAS JBOD cascading and up to 80 drives
- iSCSI jumbo frame support
- Header/Data digest support
- Disk auto spindown support
- Multiple iSCSI target nodes support

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 VMware

VMware (NYSE: VMW) is the global leader in virtualization solutions from the desktop to the datacenter. Customers of all sizes rely on VMware to reduce capital and operating expenses, ensure business continuity, strengthen security and go green. With 2007 revenues of \$1.3 billion, more than 120,000 customers and more than 20,000 partners, VMware is one of the fastest growing public software companies. Headquartered in Palo Alto, California, VMware is majority-owned by EMC Corporation (NYSE: EMC). For more information, visit www.vmware.com.

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. iSCSI, SAS) but also customer requirements (e.g. business continuity). For more information, please visit www.Qsan.com.tw.

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