

## Qsan iSCSI RAID Controllers are Compatible with Solaris Operating System

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iSCSI / IP SAN and SAS expert Qsan has tested all of its iSCSI RAID controllers with Solaris operating system. With Solaris operating system support, users can have more choices and flexibility to integrate Qsan iSCSI RAID controller storage solutions into their current environments with less effort and less time.

Solaris operating system provides more applications available than other operating systems and delivers high performance, stability, and security. For more information about Solaris operating system, please visit [www.sun.com/software/solaris/10/index.jsp](http://www.sun.com/software/solaris/10/index.jsp).

Qsan iSCSI RAID controller solutions are built around with Qsan innovative RAID stack, featuring industry-leading performance on Intel IOP platform. With up to 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 IOP. At drive-side, Qsan iSCSI RAID controllers support 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 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 Qsan iSCSI RAID controller 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, [sales@Qsan.com.tw](mailto:sales@Qsan.com.tw).

### Qsan iSCSI RAID Controller Feature Highlights:

- iSCSI (X4 or X2)-to-SAS/SATAII RAID controller
- Hardware iSCSI off-load engine enabled
- IOPS up to 120,000
- Throughput up to 600MB/s
- Virtualization
- Clustering
- 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 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](http://www.Qsan.com.tw).

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