

Ideal DAS Replacement Solution from Qsan P100C iSCSI RAID Controller

Date: 02-03-2009 06:01 PM CET

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

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



Qsan P100C iSCSI GbE (X2)-to-SATA II RAID controller is designed and dedicated for SMB IP SAN solutions. With iSCSI nature and Qsan's features, when IT administrators design storage solutions for SMB environments, Qsan P100C is an ideal replacement for DAS and has more flexibility for future planning. Comparing to SCSI DAS storage, P100C doesn't need a HW HBA. And most OS support free iSCSI initiators, such as Windows and Linux. If this storage solution is designed for multiple servers / PCs access in the same time, iSCSI shows its advantages here, and Qsan P100C iSCSI RAID controller can support up to 32 host connections in the same time on the existing network infrastructure. If higher performance, multiple connections and better management are required, an 8 port GbE switch costs less than a dual port SCSI HBA, and if more connections are required, a 24 port GbE Switch only costs a little more than a dual port SCSI HBA. By iSCSI installation, IT administrator can reserve flexibility for the future, including adding more server/PC connections, scalable capacity expanding, virtualization, no distance limitation, easy migration, interoperability, and etc. For more price and function comparisons of DAS to iSCSI, please contact Qsan, sales@Qsan.com.tw.

Beside the iSCSI advantages, Qsan P100C iSCSI GbE (X2)-SATA II RAID controller is also embedded with rich features, such as flexible drive number support from 4 ~ 8 bay tower, 1U4, 2U8, 3U12, and 3U16 subsystems, RAID 6, jumbo frame, access control, disk auto spindown, iSNS, CHAP authentication, online migration, web UI management, and etc. P100C is built around with Qsan innovative RAID stack, featuring industry-leading performance on Intel IOP platform. With 2 GbE iSCSI ports connected to the host/GbE switch, either working independently, MC/S, or MPIO together, the throughput can achieve up to 190MB/sec by non-cache hit configuration. And with the green feature of disk auto spindown supported by Qsan, the whole subsystem of P100C even with fully loaded 16 hard drives can achieve high power efficiency and save the overall drive power cost.

It is painless and quick to integrate into your current chassis designs. Qsan's support team can shorten your project time by providing fast design capability and overall reliability test. The overall cost is very effective. With low price tag, rich advanced features support, and numerous OS/HBA/iSCSI initiators/HDD support, P100C iSCSI(X2)-to-SATA II controller is ideal for

the SMB market applications, such as surveillance, shared backup pool, mail storage, SQL server, files backup, web server, CRM and etc. Qsan also provides customization services for hardware and firmware feature adjustment, such as customization web UI design, BBM (Battery Backup Module), QSnap snapshot feature support, enclosure monitoring of power supply, fan, and temperature, and other customized features. For more details, please visit www.Qsan.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. iSCSI, SAS) but also customer requirements (e.g. business continuity). For more information, please visit www.Qsan.com.tw.

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