

Proware iSCSI Subsystem Passes Virtual Iron Certification Testing

July, 2007-Proware Technology Corp. is pleased to announce its iSCSI-SATA II RAID subsystem-the SB-3164-G1A3 RAID subsystem is now certified for use with Virtual Iron Virtual Infrastructure solutions (<http://www.virtualiron.com/products/servers.cfm>).

The SB-3164-G1A3 iSCSI RAID subsystem is a feature rich, high density iSCSI storage solution designed for Small- and medium-sized businesses and remote offices looking for a cost effective shared storage solution. Ethernet based storage area networks (SAN) are easily configured with software and/or high performance hardware initiators using existing network management skill sets.

The SB-3164-G1A3 comes with two 1-Gigabit Ethernet (GbE) ports that connect into standard Gigabit Ethernet networks or directly to application hosts. It is ideal for building a shared storage pool for disk-to-disk volume distribution, data backup, storage consolidation, and replication among networked servers. It also meets the standards of the Restriction of Hazardous Substances (RoHS) directive enacted by the European Union. (Taipei, Taiwan)

Features

- Front-end 2 x 1Gb full iSCSI offload (complete UDP, TCP offload)
- Supports load-balancing & fail-over (802.3ad port trunking, LACP)
- Supports iSCSI jumbo frame
- Supports Microsoft Multipath I/O (MPIO)
- Supports RAID levels 0, 1, 0+1, 3, 5, 6, 10, 30, 50, 60 and JBOD
- Local N-way mirror: Extension to RAID 1 level, N copies of the disk
- Global and dedicated hot spare disks
- Write-through or write-back cache policy for different application usage
- Dedicated or shared cache allocation for volume usage
- Supports greater than 2TB per volume set (64-bit LBA support)
- Supports manual or scheduling volume snapshot (up to 32 snapshot)
- Snapshot rollback mechanism
- On-line volume migration with no system down-time
- Online volume expansion
- Instant RAID volume availability and background initialization
- Supports S.M.A.R.T, NCQ and OOB Staggered Spin-up capable drives

