

Westek Technology Launches 4TB Serial ATA RAID System

Using the latest high capacity high performance Serial ATA disk drives from Western Digital, Westek's R31610 provides up to 4TB of reliable, high performance, and very cost effective data storage in a highly compact 3U rack mount enclosure.

The unit features 16 hot swap drive bays, with unique fold down control panel allowing full control of the units functionality.

With 16 x 250GB SATA drives fitted, the R31610SA provides around 3.75TB in RAID 5, or 3.5TB in RAID 5 with a hot spare drive.



Dual host interfaces are standard, with options for either SCSI or 2GB Fibre Channel, both with support for clustering. The high performance RAID controller ensures data integrity, and hot spare and dynamic expansion is also supported for extra reliability and easy expansion of the RAID array.

A simple and easy to use browser based remote management software utility is included, so that the storage system can be remotely managed and provide alerts to anywhere on the network.

The aluminium enclosure reduces weight, and features triple redundant hot swap power supplies with separate power cords, and hot swap cooling modules for high availability.

Performance is excellent with each individual SATA disk drive having a separate dedicated 150MB serial channel to the hardware RAID controller, in contrast to SCSI systems where many drives will share the same 160MB or 320MB SCSI channel.

The road map for Serial ATA is exciting with near term doubling and quadrupling of bus speeds anticipated, and with increasing spin speeds and longer life times also on the road map, SATA may well speed the decline of SCSI drives, still costing 2 or 3 times as much for smaller capacities.

About Westek Technology

Westek Technology is a leading UK manufacturer of rack mount server and storage systems since 1987. Its products are installed in more than 70 countries worldwide and much of its output is OEM for major systems vendors.

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