Proware announces 1-to-2 Intelligent SATA II internal RAID Solutione debuts U320 to SATA II Triple Parity RAID subsystem

March 2006 Taipei, Proware Technology Corp. is pleased to announce the industry's first internal SATA II RAID solution – DF-7505. It is an extremely affordable internal 2-bay RAID 0, 1 hardware drive ready solution designed for plug and play integration. DF-7505 is a high performance 100% hardware SATA II to SATA II RAID controller with 2 hot-swappable 1 inch drive trays housed in a standard 5.25" full-height form-factor chassis. It is the ideal fault-tolerant storage solution for workstations, departmental and application servers. DF-7505 is an intelligent storage solution for protecting your valuable data and it is most suitable for applications where continuos data availability is critical for the success of your business.

Features:

- 1-to-2 Intelligent SATA II RAID Solution.
- RAID 0, 1 support.
- Up to SATA II 3Gbps host and device port capability.
- Automatic Failover support in RAID 1 mode.
- Automatic Rebuild in RAID 1 mode.
- Easy to use automatic RAID mode configuration.
- 100GB/hr Rebuild speed without increasing the host CPU load.
- Device-to-device(s) copy during rebuild without the performance penalty on host CPU.

Features:

•Platform Independent: Supports virtually any platform with SATA drive port.
• OS Independent: Support virtually any OS that supports SATA drive.
• Simplicity: Can be directly attached to a SATA I or II host drive port.
• Ease of Integration: Standard full-height 5.25 in. form factor.
• Serviceability: Drive bays with hot-swap capability.
• Cost Effectiveness: Supports two, 1 inch SATA drives.
• Indicators: LED for disk access, disk failure, over-heating and rebuild status.
• Failure Notification: Front panel LED indicators for fan failure additionally backed up by an audible alarm.
• Advanced Management and configuration utilities: GUI based management and configuration.

Operation Modes	
Data Mirroring (RAID 1)	Allows device to automatically copy primary hard drive without any performance overhead on the CPU.
Data Striping (RAID 0)	Allows the device to perform striping which enables the drives to provide maximum throughput .
Drive Spanning	Allows the device to make any two drives appear as one large drive.
JBOD	Allows the direct attached PC to see each drive as just a bunch of drives.