Technical Specifications

| Model | U3 | FC | |
|----------------------------|---|--|--|
| RAID Engine | Intel i80303 64bit RISC CPU | | |
| RAID Levels | 0, 1, 3, 5 or 0 + 1 | 0, 1, 3, 5 or 0 + 1 | |
| Cache Support (Write back) | Up to 512Mbytes with ECC 144pins SDRAM Memory | | |
| System Type | Rack mountable | | |
| Host Interface | Dual Ultra 160 SCSI Channels | Dual loops 2Gb Fibre Channels, Standard SFP connectors | |
| Host Transfer Rate | 160MB / Sec per channel | 2Gb / Sec per loop | |
| Disk Interface | SATA - 1.5Gbps | | |
| Disk Channel | Sixteen SATA - 1.5Gb Disk Channels | | |
| LCD Display | 2 Lines by 16 Characters | | |
| Hot Swap and redundant | Yes (Power Supply, Drive and Fan). | | |
| Hot Spare | Yes (Drive). | | |
| Battery Back - Up Module | Optional, Support up to 72hrs battery back - up time (N.A.) | | |
| UART - LAN | Optional, Windows - Based GUI RAID manager designed for SCSI / FC host based RAID solutions. The OS - independent, | | |
| | cross-platform RAID management allows configuration and status monitoring via standard web browsers or host computers | | |
| | either directly connected to a LAN or WAN. | | |
| FC Hub Adaptor | Optional, Connecting each RAID systems with in - build FC hub adaptors, provides the greater extension availability, | | |
| | No need for extra External FC Hub or Switch. | | |
| Array Management Support | Yes. | | |
| Automatic Bad - Sector | Yes. | | |
| & Error Recovery | | | |
| Automatic Drive Rebuilds | Yes. Automatic Data rebuilds. | | |
| Audible Alarm, Pager | Yes. The Pager and Fax Notification have to connect a external modem. | | |
| and Fax Notification | | | |
| Remote Terminal | Yes. Through RS - 232 emulation terminal. | | |
| Configuration | | | |
| Operating Systems | O/S Independent and Transparent | | |
| Power Supply | 700 + 350 watts Redundancy high quality power system, three 350 watts module with PFC function. Load sharing type and | | |
| | cableless design. | | |
| Electrical | AC Voltage 100 - 240 VAC Ac Frequency 47 - 63Hz | | |
| Temperature | Operating Temperature : 5 to 45 degree C.Non Operating Tempe | erature : - 40 to 60 degree C. | |
| Relative Humidity | 20% to 80% non-condensing | | |
| Dimensions | 446.4 (W)*446.6 (D)*3U (H) | | |
| Weight | 28KG | | |

*Specification subject to change without notice, all trademarks or registered trademarks are properties of their respective owners.





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3U16Bay S-ATA



Outstanding Performance Demon S - ATA RAID uses high performance Intel i80303 64bit RISC processor and intelligent

cache system which supports up to 512Mbytes SDRAM for data caching, and to simultaneously distribute multiple requests from the host computer to connected EIDE hard drives through high speed seriel data transfer

The unique Demon array management firmware utilizes multitasking real-time ker echnology to allow higher efficiency in data transfer

Single drive per independent channel" architecture provides high sufficient data throughput pe channel and eliminates overhead disk multitasking in order to increase the data transfer



Aluminium device carrier for heat dissipation and

Cable - less design, utilizes solid PCB and connectors instead of cables to improve the signal quality and the system

High quality power system, three of full 350 watts capacity po modules which bundles with the PFC function.

Implementing a Micro switch on the carrier to cut off the DC power during hot swapping disk to protect the IDE signals.

Demon S - ATA supports optional battery back up module to avoid the data loss due to the sudden loss of power

Greater Capacity

Demon S - ATA supports up to 16 drives, and a maximum capacity of 64 TB. Demon S - ATA supports On - Line - Expansion function that allows you to add drives to existing array, and re-strip the data across to all the drives

Low Cost of Ownership

Supporting Fibre Channel or Ultra - 160 SCSI host connection and utilizing the cost - effective IDE drivers which simplifies the storage setup process to make a smart choice for many kinds of purpose

1. Special AC power latch

A special latch design on AC inlet to protect the AC power cord that may accidentally fall off from the inlet

2. Device Carrier

RAID Systems are designed to offer highest product quality and reliability which is equivalent to a safety standard and our customers. One of our many unique product advantages is the er. It is designed and made with aluminum materials for greater heat dissipation and sions protection. We also implement a Micro switch on the carrier to cut off the DC power during disk ing to protect the IDE signals. Our complete Cable - less design, utilizes solid PCB and tors instead of cables to improve the signal quality and most of all, the system reliability.

3. UART to LAN

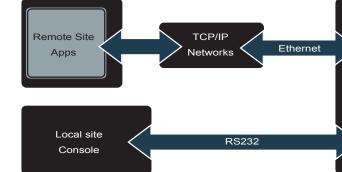
Demon RAID proudly announces the new release of a special feature : UART to LAN function. It provides an TCP / IP ba ed out-band management for your RAID systems. UART to LAN connects to the RAID system via a UART port and provides remote management functionalities to the subsystem over the networks via the Ethernet port. It also provides local UART ports for users who need to manage the RAID via the text-mode console.

4. Integrated (Build-in) FC-Hub

oughput and distance of fibre channel technology translates into increased flexibility for today's area networks (SANs), online transaction processing applications, and other installations where availability and reliability are paramount. With the AXUS integrated (Build-in) Fibre Channel -trated Loop (FC-AL) Hub, you can set up campus and metropolitan SANs that have widely separated AXUS enables you to achieve much more with less effort and we once again builds upon its best-







RAIDCare Storage Manager, a user - friendly graphical management tool, provides a comfortable interface to configure and monitor the AXUS Demon RAID subsystems from anywhere using standard Web browser via a TCP / IP agent on the Host Computer. This friendly interface not only enables the user to monitor and maintain the Demon RAID, but also provides advanced functionalities such as "Critical event notification" to report the event via E-mail. There are two maior components in the architecture of RAIDCare system, one of them is "Monitor agent ", every Host computer connects to the Demon RAID has to install this component for monitoring Demon RAID's real-time health status, responding to any abnormal event, and accepting manager's request to reply RAID's information or re - configuring the RAID. Another counterpart is called "Manager Client", "Manager Client can be any PC with TCP / IP communication or Java Manager, a user interface, which displays the RAID's information and provides user functions to submit commands to re-configure the RAID. We also provide the web interface for managing the RAID

Outstanding Performance

Considerable Availability

Advanced algorithms providing RAID levels 0,1,3, 5 or 0 + 1 option, so you can benefit from either the performance and availability of RAID 0+1 or the capacity and economy of RIAD 5. Providing redundancy power / cooling fan systems which tolerates a mains failure without interrupting services.

Hot swapping of disk drive / cooling fan/Power supply. Hot swap design allows for easy swap out of faulty parts without the loss of service from RAID.

IDE disks in a single disk per channel configuration lower the risk of failure.

Hot spare for stand - by disk drive. When a hard disk drive error occurs on any of the hard drives, this on - line hot spare disk drive automatically takes over for the failed disk drive leaving you with hand free support.

Automatic drive failure detecting & Automatic drive online rebuilding enables you to replace the hard drive without having any operations or commands. It transfers data into the replaced hard drives automatically.

Independent Operating Systems. No Matter it is Windows Me / 98, Windows 2000, Widows NT, XP, NOVELL, UNIX or Macintosh are compatible and transparent to our subsystems



 All the standard functions are included in the Control Panel on t / Monitor Utility. • Connecting via RS - 232 or LAN port (Host computer to AXUS Demon RAID) • "Web access" can be set as "Enable" or "Disable" to control the access right of RAID re - configuring.

RAID health Monitoring :

 Displaying the system information of Demon RAID. Monitoring the status of Physical Hard Drive.

• Reporting the status of Power supply, UPS, Fan and Temperature.

• Connecting via either RS-232 LAN port or SCSI interface.

Critical Event Notification :

tomatically sends the event report by E-mail Supporting up to 10 E - mail address

