

# DEFIANT 6 TB SPECIFICATIONS

## Features



Performance sets the Defiant 6 apart from lesser ATA RAID storage servers, while still outpricing SCSI units. Easy to use, the included browser-based utility makes server setup fast and simple.

### Speed

The Defiant has hardware components carefully selected for maximum performance. The multiple processor have the effective computing power of 4.2 Ghz. The Tyan Server-class motherboard give true 64-bit throughput, coupled with dual Escalade 64 bit hardware RAID cards and an Intel 64 bit dual 10-100-1000-network interfaces. As a result the Defiant transfers 63 Megabytes per second over Gigabit ethernet.

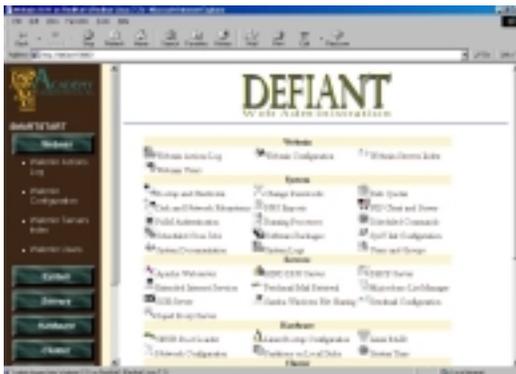
### Capacity

With its complement of twenty-four 250 GB hard drives, this model Defiant has **6 Terabytes** of storage. Even with RAID 5 protection and two hot spares capacity is still 5 Terabytes. Include a tape library for security using the optional Ultra 160 SCSI interface.

### Ease of Use

Your Defiant will be a productive part of your network in just minutes after. Plug it in, connect it to your network, power it up and type in its logon URL at any network browser.

Its graphical browser interface will have you setting up user accounts immediately, just by pointing and clicking. Full documentation is included. No linux knowledge necessary; Webmin let's you administer the Defiant as easily as surfing the web.



### Designed for High Uptime

Ample cooling, RAID 5 redundancy, hot swap drive trays and dual redundant power supplies are all part of keeping the Defiant online. As an added precaution, include the optional Dark Site controller, which monitors CPU temperature, fan RPM and many other system safeguards, then emails you through SNMP if maintenance is needed.

### Extra Features

Unlike stripped-down NAS appliances, the Defiant has its own mirrored boot drives. If you prefer, Windows 2K Server can be loaded in lieu of Linux. Backup or other Linux backup software can be loaded. With the optional SCSI interface, any number of high end tape drives or libraries can be driven. The included Webmin software allows you to let the Defiant as a workgroup backup server, a network print server, or an ftp server, increasing its utility and decreasing the strain on your computer equipment budget.

## Specifications

### CPU

Processor	Dual AMD A Socket 2.1 Ghz
Motherboard	Tyan S2460 PCI-X
RAM	1 GB

### Special Hardware Features

RAID	Dual Escalade controller 7500-12 Switch Technology Hardware RAID controller
Boot	Dual 40 GB boot drives with dedicated mirror controller
Network Interface	Intel Dual 64 Bit Gigabit Cat5 NIC also works with 10-100-base-t

### Drives

Sizes	
Interface	
Compatibility	
Access Time	
Transfer Rate	
Buffer memory	
Rotational Speed	

### Hard Drives

Qty	24, 250 GB for 6 TB, Raw Capacity
EIDE	
ATA/100	
8.5 ms. Average	
40 MB/sec. peak	
8 Mbytes	
7,200 RPM	

### Software

OS	Red-Hat Linux 8, Samba, NFS
Interface	X-Windows, Webmin
Compatibility	10-100-1000-base-t Ethernet TCP/IP network required

### Options

SCSI	Ultra F/W 160 Card for tape backup
CD	Slimline CD
Floppy	Floppy drive
Dark Site	Independent Monitoring Card for unattended installations

### Enclosure

Size	5u
Fans	6 high throughput fans
Power	500+500 Watt Redundant PS included
Supplies	
Regulatory	UL, CSA Power Supply, FCC Class A integration
Warranty and Disclaimer	

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