

## AberNAS



## Network Attached Storage

Maximize your network attached storage capacity, improve your cost/GB ratio and increase your overall network performance with the AberNAS by Aberdeen. Inevitably you will need to replace or increase the capacity of your network storage, application server storage or back-up storage. The **AberNAS by Aberdeen** allows you to enjoy the benefits of a feature-rich, high-performance network attached storage without the high cost of ownership. The AberNAS by Aberdeen is the solution of choice to provide the power and features to support today's most dynamic and demanding network infrastructures. Packed with server management, security and mission-critical features the AberNAS by Aberdeen can offer up to 3.0TB in a 2U space with the most competitive value in the marketplace.

### **CHOOSE THE BEST NAS SERVER**

At a fraction of the cost of comparable servers the AberNAS by Aberdeen is the ideal file sharing NAS server storage solution. Boost your network capacity and enjoy the benefits of a feature-rich, high-performance network attached storage without the high cost of ownership. **Judge for yourself** if the AberNAS by Aberdeen is the solution of choice to provide the power and features to support today's most dynamic and demanding network infrastructures.

The **AberNAS 225** is the ultimate reliable NAS server. It is configured with separate 80GB mirrored OS drives to provide system failover. The remaining 2.5TB can be set up to provide hot spare storage.

The **AberNAS 230S** yields the most storage capacity in a 2U NAS server available on the market. It stresses pure storage by utilizing a single array software RAID environment. The OS is spread across the twelve 250GB drives to provide cold swap capability.

The **AberNAS 230H** stresses speed and dependable storage capacity in a NAS server. It is configured with twelve 250GB drives in a hardware RAID environment to provide hot swap and hot spare capability.

## MAXIMIZE:

- Network Storage Capacity
- Hardware Redundancy and Reliability
- Network Performance
- Management Simplicity
- Scalability
- Cost / GB Ratio
- Peace of Mind with a 5-Year Warranty



## PROMINENT FEATURES

- Multi-platform File Sharing (Windows, Linux, Unix, FTP, Macintosh)
- OS Fail-over & Mirroring
- Hot Swap and Hot Spare SATA Hard Drives
- Independent File System Array
- Redundant Hot Swap Power Supply
- RAID 0, 1, 5, 10 & JBOD
- Dual Gigabit NIC with Fail-over
- Seamless Integration with 3rd Party Software
- Extensive Backup Software Support
- Hardware redundancy
- UPS Support
- Snapshot Data Recovery
- SSL & HTTPS Support
- Server to Server Fail-over & Mirroring
- Quota Management for Space Allocation



SPECIFICATIONS	
<b>MODEL</b>	AberNAS 230H
<b>FORM FACTOR</b>	2U, 19" Rackmount
<b>BASE CAPACITY</b>	3.0 Terabytes
<b>PROTOCOL SUPPORT</b>	CIFS, NFS, NCP, HTTP and FTP
<b>MAX RAID 0 CAPACITY</b>	3.0 Terabytes
<b>MAX RAID 1 CAPACITY</b>	1.5 Terabytes
<b>MAX RAID 5 CAPACITY</b>	2.5 Terabytes
<b>MAX SINGLE ARRAY SIZE</b>	2.0 Terabytes
<b>OPERATING SYSTEM</b>	Window® Storage Server 2003
<b>PROCESSOR</b>	Dual Intel Xeon 2.4GHz at 533MHz Front Side Bus 512K Cache
<b>MEMORY</b>	2GB ECC Reg. DDR266
<b>RAID ENVIRONMENT</b>	3ware® Escalade 8506-12
<b>HOT SWAP</b>	12 Bays
<b>SEPARATE MIRRORRED OS DRIVES</b>	- available on the AberNAS 225 model
<b>INCLUDED DATA DISK DRIVES</b>	12 x 250GB SATA 8MB Cache
<b>ETHERNET</b>	Dual Intel Gigabit controller 2 x 10/100/1000 ports
<b>ETHERNET LOAD BALANCING</b>	Load Balancing, Teaming and Failover
<b>POWER SUPPLY</b>	500w Dual Hot Swap REDUNDANT
<b>RAILS</b>	Included
<b>WARRANTY</b>	5-Year Limited



Click to learn more about Intel Xeon Processors



Industry leading 5-year warranty on every AberNAS rackmount server.



Click to learn more about Microsoft Storage Server 2003.

Model	AberNAS 225	AberNAS 230H	AberNAS 230S
Form Factor	2U Rackmount	2U Rackmount	2U Rackmount
Base Capacity	2.6 Terabyte	3.0 Terabyte	3.0 Terabyte
Protocol Support	CIFS, NFS, NCP, HTTP and FTP	CIFS, NFS, NCP, HTTP and FTP	CIFS, NFS, NCP, HTTP and FTP
Maximum RAID 0 Capacity	2.5 Terabyte	3.0 Terabyte	3.0 Terabyte
Maximum RAID 1 Capacity	1.25 Terabyte	1.5 Terabyte	1.5 Terabyte
Maximum RAID 5 Capacity	2.0 Terabyte	2.5 Terabyte	2.75 Terabyte
Maximum Single Array Size	2.0 Terabyte	2.0 Terabyte	3.0 Terabyte
Operating System	Windows® Storage Server 2003	Windows® Storage Server 2003	Windows® Storage Server 2003
Intel® Processors	Dual Xeon® 2.4GHz 533MHz FSB - 512KB Cache	Dual Xeon® 2.4GHz 533MHz FSB - 512KB Cache	Dual Xeon® 2.4GHz 533MHz FSB - 512KB Cache
ECC Registered Memory	2GB DDR266	2GB DDR266	2GB DDR266
RAID Environment	3ware® Escalade™ 8506-12	3ware® Escalade™ 8506-12	Windows® Storage Server 2003
Hot Swap Drives	All 12 Drives	All 12 Drives	All 12 Drives
Included Mirrored OS Drives	2 x 80GB 7200rpm SATA/150 8MB cache	-	-
Included Data Hard Drives	10 x 250GB 7200rpm SATA/150 8MB cache	12 x 250GB 7200rpm SATA/150 8MB cache	12 x 250GB 7200rpm SATA/150 8MB cache
Integrated Network Controllers	2 x Gigabit	2 x Gigabit	2 x Gigabit
Ethernet Load Balancing	Teaming & Failover	Teaming & Failover	Teaming & Failover
Dual Hot-Swap Power Supplies	500 Watt Redundant	500 Watt Redundant	500 Watt Redundant
Limited Warranty	<b>5-Year</b>	<b>5-Year</b>	<b>5-Year</b>
Price	<b>\$9,695</b>	<b>\$9,995</b>	<b>\$9,995</b>