



actiNAS 800 HA

actiNAS 800 HA:

High Performance, High Reliability, Network Attached Storage with iSCSI, for 2.5" SAS, SATA, and Solid State Drive. Powered by Microsoft Windows® Storage Server™ 2008 Standard Edition.

The actiNAS 800 HA Network-Attached-Storage solution is designed to provide for storage expansion, speedy file access and convenient file sharing for high data availability, rapid recovery, data protection and easy data management.

Powered by Microsoft Windows® Storage Server™ 2008 standard edition, actiNAS 800 HA is built upon an optimized release of the reliable and flexible file services of Windows Server 2008 for better file serving performance. Advanced storage technologies such as file de-duplication and an iSCSI software target for unified file- and block-based storage are added. Windows-powered storage actiNAS 800 HA gives customers new storage capabilities, simplified deployment and easier management while assuring seamless synergy in their Windows infrastructure in a cost-effective and high-performance platform. Users familiar with the Windows environment will find it very easy to configure.

On top of that, they will not have to worry about the number of Client Access License to purchase as the Windows Storage Server 2008 standard edition comes with unlimited Client Access License. All file sharing protocol are supported. e.g. CIFS/SMB, NFS, AppleTalk, DFS, HTTP & FTP and Storage report manager.

Product Highlights:

- 1U form factor for rack optimized environments.
- Supports SAS/SATA disk drives for data intensive applications and SATA drives for low-cost bulk storage.
- Supports up to 8 SFF SAS / SATA 3Gbps with hot swap.
- Hardware RAID provide optimal storage performance and data availability.
- OS pre-installed in SSD for reliability and fast startup.
- Data deduplication capabilities with Single Instance Storage.
- Easy installation and configuration using Microsoft RDP Client or Direct attachment.
- Multiple snapshots using Microsoft Shadow Copy Service ensures point-in-time data recovery.
- OS Recovery using USB Thumb Drive.
- 4 x Intel® gigabit Ethernet ports provide fast, scalable, reliable networking and performance.



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General

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Processor	Intel Quad-Core Xeon X3430 (8MB L3 Cache, 2.4GHz)
Form Factor	1U
Memory	4GB standard, expandable to 32GB (DDR3-1066/1333, ECC / non-ECC DIMM memory)
No. of CPU	1

Storage

HDD Interface Technology	SAS / SATA 3Gbps
No. of HDD	8 (2.5" SSD or SAS)
Solid State Drive (SSD)	32GB
Type of RAID	Hardware RAID Controller with IOP348 (256MB Cache)
Raid level Support	RAID level 0, 1, 3, 5, 6, 30, 50 and 60

Interface

LAN	4 x Auto Sensing Gigabit NICs embedded 10/100/1000 Mbps (RJ45)
SCSI	N.A. (optional Add-on)
SAS	1 x Integrated SAS port
USB	4 x USB 2.0 port
RS232	1 x Serial port

Electrical Rating

Type	Single Power Supply
Rated Voltage	Auto ranging 100 to 240 VAC @ 50/60 Hz
Rated Current	10 - 14 Amp
Power Supply	560W (80Plus Gold-Level Certified)

Operating Systems

NAS Operating Systems	Microsoft® WSS™ 2008 64bit Standard Edition
Network File System Protocol	SMB / CIFS, NFS, DFS, Appletalk, HTTP & FTP
Management Interface	Remote Desktop
Management Protocol Support	SNMP, SMTP notification
Access Control	Active Directory Service, UNIX NIS
Snapshot Technology	Microsoft Volume Shadow Copy Services (VSS)
Backup Software	Windows Backup (or optional 3rd party that supports WSS 2008)
Anti-Virus	Optional 3rd party that supports WSS 2008

About actiData

actidata GmbH, based in Dortmund (Germany), is a young and innovative IT company with outstanding solution competency in the backup and archiving area. The company is active in the core market in Europe and Asia and focuses on the corporate customer segment. **actidata** aims at establishing itself as a leading storage provider in the B2B area. A highly motivated and experienced team of professionals is committed to the superior quality and reliability of the **actidata** products: These included tape drives, autoloaders and libraries based on the LTO tape technology platform as well as the disk-based removable storage system **actiDisk** RDX. The products range of the storage expect further includes LTO and RDX media.