

About FrankeNAS

Idealstor has combined the best of disk and tape and created the future in disk to disk storage and backup. The Idealstor FrankeNAS uses disk as the backup and offsite storage medium providing for the first time, a disk to disk backup solution that provides an alternative to tape backup. The FrankeNAS is a 4U Rackmount appliance that uses a combination of RAID5 redundancy and the Idealstor ejectable disk technology to provide an all in one disk storage and backup appliance. Data can be replicated to the RAID5 array of disks for nearline storage and then backed up to ejectable ATA disks for offsite storage. Disk to disk backup was invented to eliminate the problems associated with tape based backup, however, tape is still required to take the data from the network to the vault. FrankeNAS eliminates tape and makes backing up to disk a reality.

Tape has met its match:

Ejectable Disk Backup - ATA disk are used as the backup and offsite media. FrankeNAS uses a combination of Idealstor software and hardware to provide for safe removal of the backup disks.

Nearline Storage - Network attached storage using fully redundant Serial ATA disks configured in a RAID5 redundant build for storing critical data. Store any type of data, images or files in this fully redundant storage array.

High Availability - Running Windows Server 2003, target backups or replication jobs to the fixed array. The FrankeNAS becomes the host for your backup and replication software and the target for failover should a server go down.

Single Instance Storage - Utilizing Ibac Data Protection Software, virtualize your backups on the RAID Array by storing multiple full backup utilizing the disk space of the incremental changes.

Product Highlights:

- * Windows 2003 Server appliance that becomes the host for the backup software as well as the target for storage and backup jobs.
- * Backup up to 1.6TB of data to up to 4 Idealstor ejectable ATA disks. Any capacity can be used to deliver a solution targeted to your backup needs.
- * Store up to 2.0TB of data to the redundant RAID5 Array
- * Disks are prepared for safe removal using hardware, software and the Idealstor protective caddy and carrying case.
- * Data can be replicated or simply backed up to the RAID Array for nearline storage and access to data.
- * Backups can be run to the RAID array and then to the ejectable disks or sent straight from the network to the ejectable disks for offsite storage.

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Key Benefits

- Tape Free Backup - a disk to disk backup and storage solution that utilizes disk and only disk as the backup and storage medium
- Save on valuable rack space - one 4U rackmount appliance becomes the media server and storage/backup solution
- Lower Total Cost of Ownership than disk and tape alternatives - one appliance becomes your storage and backup solution reducing annual maintenance costs and overhead
- One stage backup and restore - the FrankeNAS eliminates the need to stage backups and restores from disk to tape
- Ideal Replication Target - the FrankeNAS is ideal in environments where a real time replication application is being used. Replicate the data the RAID array and failover servers to the FrankeNAS. For backup, simply schedule a backup job to back that data up to the Idealstor Ejectable bays for offsite storage of data
- Save on software costs by not having to purchase expensive client access licenses to backup data to tape media and tape libraries
- Cost of disk continues to drop while capacities continue to increase. FrankeNAS takes advantage of both providing a cost effective and scalable storage and backup solution

Technical Specs

Windows 2003 Server

19" - 4U Rackmount

Intel Processors - single or dual depending on storage and backup capacity

Redundant Power Supply

Redundant and Hot Swappable RAID 5 Array.

Storage Capacity - 500Gb - 2 TB of native data

Backup Capacity - 100GB -2TB of native capacity

Can be configured with 1-4 Idealstor Ejectable Bays

Upto 8GB of ECC RAM

The Idealstor FrankeNAS comes configured in a variety of capacities of RAID storage and ejectable bays for backup. This appliance comes with a list of upgrades that can be added to create a solution that is targeted to meet your company's individual needs.

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