



## BNAS 301

### Backup Network Attached Storage



The Backup NAS 301 has been engineered specifically as a backup appliance running Microsoft Windows Storage Server 2008R2. By adding your own backup and virtualization software to the platform, you get complete control of your backup environment. Use the BNAS 301 as a backup target, for rapid on-site restore, or as an emergency server that can spin up images stored as virtual machines.

This backup appliance is a 2U Configurable rack mount system with a 3.1 Ghz Intel i3 processor, 8GB RAM, USB3, eSATA ports, dual Gigabit Ethernet ports, and up to 3 hard drives. The first drive is used for booting, the second for data, and the optional third removable drive provides the ability to swap media to provide as many point-in-time copies of the data set as is desired.

Models are available with Windows Storage Server Workgroup (25 user) or Standard edition (Unlimited users). Microsoft iSCSI target software is included for backing up virtual servers or for those who simply prefer iSCSI over NAS connectivity.

Other backup appliance vendors lock you into their software, hard drive size, off-site vault location, and expensive monthly support options. By contrast, the BNAS 301 provides flexibility in all these areas, as well as the option to expand storage by plugging in external eSATA and USB 3 drives. With ample ports, add-ons, and connectivity options you have a solid back up device with redundancy built in.

- 2U rackmount appliance with 64 bit Windows Storage Server 2008R2 to backup, recover, and host virtual machines
- Dedicated backup appliance with user's choice of software for on and off-site replication
- Automatic duplication of data hard drive to removable disk is built into hardware. No software is needed.
- Removable disk tray fully encloses and protects hard drive, and uses hotswap connector rated for high number of plug cycles.
- Removable disk tray allows multiple archival copies of data, eliminating concerns about corruption creeping into continuous incremental backups to the data drive over time.
- Removable disk tray also facilitates off-site removal, and/or seeding initial backup to an Internet vaulting location.
- Second Gigabit Ethernet port included to support virtual machines without impacting traffic on main Ethernet port
- Faster backup and recovery times with eSATA, iSCSI, or Gig E
- Eliminates slow restores from the internet vaulting location by having multiple data sets at local site.
- 12-Month Standard Warranty with an option for 3-Year and advanced replacement

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When you are looking for your own Backup and Disaster Recovery Appliance, the BNAS 301 is the perfect choice. It is configurable, scalable, and has numerous connectivity options. Corporate stable components and temperature management hardware minimizes fan noise and provides extra reliability. A Rocker switch and indicator lights on the front panel help monitor and manage mirroring on the removable drive. Simply toggle the rocker switch to restore mode to break the mirror and have the removable drive bay show up as separate drive letter.

Reliable windows based platform compatible with Mac, Linux, and Unix using your choice of backup and replication software. You can backup, restore, and even run emergency Virtual Machines on a dedicated and stable hardware platform.

The BNAS 301 comes with a standard 12-Month warranty. To protect your purchase a 3-Year Warranty with advanced replacement is available.

Available Interfaces: USB 3.0 SuperSpeed, eSATA, Dual Gigabit Ethernet
Maximum Aggregate Data Capacity: 3TB
Maximum Removeable Media Capacity: 3TB
Maximum Transfer Rate: Up To 250GB/Hour
Dimensions (L X W X H inches): 19.38" X 16.75" X 3.5"
Weight - Shipped: 35 lbs Alone: 2 lbs.
Voltages: 110/220 auto switch.
Power Consumption: 0.1 Amps @ 115VAC, 130 Watts
Thermal Output: 450 BTUs

iSCSI

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