



Complete Network Storage Solution



Technical Specification

Processor

Intel Xeon E5-2609

Operating System

FreeNAS 64bit

Memory

32GB DDR3 RAM

Storage

20x3GB 7200 rpm, 2 years warranty, efficient energy

Power

Dual hot-plug redundant high-efficiency 1200W/1400W power supplies

Connectivity

Intel Gigabit Ethernet Controller - 4 x 1Gb Ethernet

With muscular performance and outstanding scalability at a competitive price point, the AMARI DI01 Storage Server is the perfect solution for corporate backup and file sharing. It's powered by the industry-standard BSD powerful NAS platform. The AMARI DI01 combines block- and file-level storage for Windows or Linux operating systems in a single NAS. It also ships with 3GB WD Caviar Black disks, which feature redundant path technology that improves I/O results by more than 40%. All in all, the AMARI DI01 is a comprehensive network storage solution, complete with the software and hardware you need for serious backup or file sharing, right out of the box.

Enterprise-Level Performance

Thanks to its server-grade components, the AMARI DI01 delivers server-grade performance. Powered by an Intel® i7 3.4GHz processor with 16GB RAM, it is powerful enough to perform multiple parallel tasks and is optimized for up to 250 users. It is perfect for NAS-to-NAS backup and file serving. It additionally features a native quad 1Gb LAN for superior network performance. You can leverage the multiple LAN ports for redundancy in case of Ethernet failure or load balancing for improved data transfer. You can even add up to 64 GB of RAM to push performance even higher and to adapt to your business' evolving needs.

Scalability Without Compromise

Thanks to its I/O ports, you can connect external storage and integrate it as a JBOD array for massive scalability – up to 144TB*. The AMARI DI01 even features a hardware RAID controller, which supports RAID Levels 0, 1, 5, 10, 50 or 60, and manages all your storage without taxing

the processor. This lets you "future proof" your investment, because you can increase your storage capacity as you need it, without needing to buy a new storage system. It gives you precise control over your array with automatic and customer RAID configurations and gives you broad flexibility for managing new capacity.

iSCSI and Virtualization Flexibility

With the AMARI DI01, you can create a NAS/SAN hybrid system by configuring iSCSI. As an iSCSI target, its storage will mount on a workstation in the same way as direct-attached storage. This lets audio professionals work directly on centralized network storage, for example. It also gives IT administrators an easy way to allocate storage to multiple specific task-dedicated servers or for any other purpose. Configured as an iSCSI initiator, the AMARI DI01 can connect to any other iSCSI-compatible storage, letting you expand storage in a cost-effective way. Support for iSCSI also makes the AMARI DI01 a virtualization powerhouse, letting you assign dedicated storage to virtual machines. Dedicated CPU cores can be assigned to specific tasks for superior control over computing resources. You can assign a core to manage a mail server, another for backup tasks, and the remainder for running Windows workstations. Virtualization even lets you access the AMARI DI01 through network file system (NFS) protocol, allowing you to configure it as an NFS datastore.