

euroNAS Premium Ultra

High Performance Storage Software

Through a robust and extensive feature set, Premium Ultra delivers consistently high performance for network applications. Proven and trusted in thousands of installations worldwide, Premium Ultra is the perfect OS for any organization that needs a scalable, inexpensive solution to deliver high levels of data security and performance with its storage server.



Developed to meet the highest standards

Premium Ultra is certain to meet all your needs with iSCSI and native support for all the most common operating systems - Windows, Linux, Unix, ESX Server and Apple – including clustering environments. Features include: Active Directory support, RAID, data replication (server synchronization), anti virus, support for multiple snapshots per share, network card teaming, Fibre Channel.

Integrated data security

Redundancy and data security are guaranteed by a range of different functions. Alongside integrated support for the hardware RAID controllers (3Ware, Adaptec, Areca, ATTO, LSI, SmartArray and ICP) euroNAS Premium Ultra also supports software RAID 1, 10, 5 and 6. Integrated replication software allows data to be backed up and restored rapidly. Network interface card teaming using IEEE802.3ad Link Aggregation (LACP), load balancing or failover ensures high performance and a secure flow of data even if there are network problems. Anti virus software cleans the shares from viruses. Support for up to 30 snapshots per share enables you to backup and recover your data very quickly.

Flexibility and hardware independence

Premium Ultra is compatible with almost all 64 bit systems (AMD / Intel). This allows systems or components to be changed quickly and easily in the case of hardware failure.

Scalability

Premium Ultra also supports high capacity configurations. Storage capabilities can be extended as needed with online RAID expansion and enlarging network shares through the flexible share sizing feature.

Perfect for virtualization

Reliable iSCSI Target, Fibre Channel Target and NFS Services in combination with snapshot replication make Premium Ultra a perfect storage solution for VMWare, XEN, or Microsoft's Hyper-V.

User and Group Management

- Authentication via Active Directory or local users and groups
- POSIX ACL file/folder support

Raid

- Built-in Software Raid 0, 1, 10, 5 and 6 with Hot Spare and email notification
- Online Capacity Expansion
- Hardware Raid support with integrated management software
- Build-in Storage Manager Agent for Adaptec and LSI Controllers

Fibre Channel Target (Optional)

- Support for QLogic Fibre Channel Controller
- Support for Fibre Channel Multipath

Network

- Supports multiple network adapters 1 GB/s or 10 GB/s
- Network port teaming: IEEE802.3ad Link Aggregation (LACP), Load Balancing, Port Failover
- Jumbo Frames

Miscellaneous

- Built-in Antivirus Software
- Multiple Snapshot support (time scheduled)
- Built-in server replication software APC UPS (USB and Network) support

Supported network protocols

- Microsoft CIFS/SMB (Windows Networking)
- Apple AFP
- Linux/Unix NFS v3 (Network File System) FTP Protocol (File Transfer Protocol)
- iSCSI Target with support for VMWare ESX
- Microsoft Hyper-V, Citrix XEN etc. Fibre Channel Target with support for
- VMWare ESX, Microsoft Hyper-V, Citrix XEN etc.

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