TrueNAS®

UNIFIED. SCALABLE. POWERFUL. STORAGE

TRUENAS UNIFIED STORAGE APPLIANCES - HIGH AVAILABILITY STORAGE FOR VIRTUALIZATION AND MISSION-CRITICAL APPLICATIONS.

The TrueNAS Unified Storage Appliance is storage power, flexibility, and simplicity combined: high-availability, high-performance, feature-rich storage for a variety of business applications. Its hybrid architecture optimizes performance and capacity -- without compromise -- by merging a multi-layer solid state cache and high-density spinning hard disks. Choose what is right for you; the TrueNAS Z20, Z30 and Z35 are hybrid solutions that merge flash with spinning hard disks, while the TrueNAS Z50 TrueFlash is an all-flash solution. The Z50 TrueFlash combines the performance of solid state drives with the powerful features and elegant simplicity of TrueNAS Unified Storage, making it ideal for a flash-centric data center. With a self-healing filesystem that corrects corruption seamlessly on the fly and intelligent compression to take the greatest possible advantage of every terabyte of storage, TrueNAS is the perfect solution for everything from high-density backups to backing mission-critical VMware infrastructures.

TrueNAS covers the gamut of storage technology needed in today's heterogeneous, dynamic business environments. CIFS, NFS, AFP, WebDAV, and iSCSI cover every common operating system and application, and directory service integration means TrueNAS will fit seamlessly into your environment.

iXsystems has a two-decade history of creating reliable, high-performance server solutions for businesses of all sizes. Now, we've brought that expertise to storage. For a no-risk quote, visit **iXsystems.com/TrueNAS**; contact us at **sales@ixsystems.com**; or call us at **(855) GREP-4-IX (473-7449)** in the United States or **+1 (408) 943-4100** internationally.

GENERAL FEATURES	BENEFITS
CIFS, NFS, AFP and WebDAV	- Share files across multiple operating systems
iSCSI, SCSI	- Export block storage over ethernet or fibre channel(SAN)
Redundant Storage Controllers*	- Maintain high availability
Active Directory, Kerberos, NIS, LDAP and Apple Open Directory	- Authenticate and authorize
HTTPS, SSH, and SCP	- Remote and secure management of appliance
VAAI Block	- Enables certain tasks to be offloaded from the VMware server
ODX	- Speeds up copy & move operations for Windows Server 2012

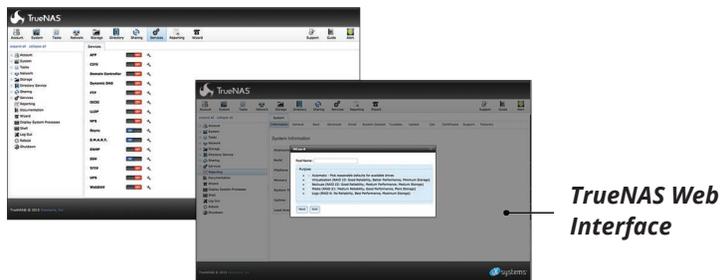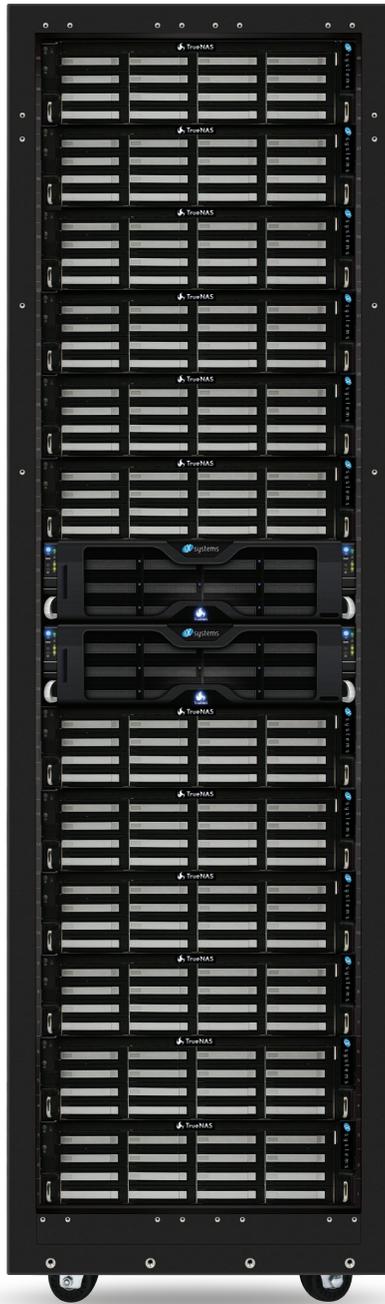| FILESYSTEM FEATURES	BENEFITS
Hybrid Storage Pools	- Dynamically accelerate read and write performance with SSDs
Compression	- Conserve primary storage without performance penalty
Write Cache Redundancy	- Preserve write performance at all times
Up to Triple-Parity Software RAID	- Storage that's as safe as you need it to be
Filesystem Self-Healing	- Corrupted data is corrected on the fly
Deduplication	- Massively reduce primary storage requirements for long-term archiving

UNIFIED STORAGE APPLIANCE MODELS

The TrueNAS Unified Storage Appliance is available in three hybrid models and one all-flash model, varying by performance and storage capacity. All four feature a modular, tool-less hardware platform, fully field-replaceable storage controllers, fans, and power supplies in a 3U rackmount form factor. Each hybrid model can be purchased with a single storage controller and updated to a dual-controller high-availability mode at any time. Additionally, thanks to the shared form factor, upgrades to higher TrueNAS models in order to increase performance are simple and can be performed without downtime. Every TrueNAS model has been certified for Citrix XenServer, VMware ESXi and Microsoft Hyper-V using the vendor's testing suite, providing confidence and peace of mind for all users of hypervisor technology.

TRUENAS Z20	TRUENAS Z30	TRUENAS Z35	TRUEFLASH Z50
An excellent backup target or file server for a small or medium sized business. Consolidate management of backups and files with this Unified Storage Appliance.	The enhanced performance and scalability of TrueNAS Z30 provides flexible, reliable storage for business essential data. The Z30 is ideal for virtualized infrastructure, business intelligence applications, or critical, high-performance backups.	The most scalable TrueNAS Appliance, the Z35 is designed to meet the demands of mission-critical storage applications. The abstracted cache layer maximizes hybrid storage performance, allowing performance to scale linearly with capacity.	TrueFlash is an all-flash array for business-critical applications. It uses intelligent storage optimization to store up to 15X its raw capacity, and provides consistent high performance and high availability.
Up to 320TB capacity	Up to 888TB capacity	Up to 3.84PB capacity	Up to 300TB Capacity
64GB RAM	128GB RAM	256GB RAM	256GB RAM
Write cache optional, read cache upgradeable to 1.2TB	Write cache included, read cache upgradeable to 2.4TB	Write cache included, read cache upgradeable to 4TB	RAM used for ultra-fast L1 read/write cache
2 x 1 Gigabit Ethernet Interfaces (upgradeable to 10GbE)	Up to 20Gbps throughput	Up to 40Gbps throughput	Up to 40Gbps throughput

TrueNAS Web Interface

855-GREP-4-IX
www.iXsystems.com