TrueNAS Features

Community Edition 25.10				Enterprise

Management

Multi-Systems	TrueNAS Connect, TrueCommand, Cloud	Single Sign-On, RBAC, Auditing	Alerting, Reporting, Analytics	Fleet & Replication Management	
Administration	Web UI, SNMP, Syslog, Reporting, CLI	TrueNAS API	Rootless Admins	ACLs	Restricted Admins, vCenter Plugins
Systems Utilities	Tasks, Cron Jobs, Scripts, Log Management, Session Monitoring	In-Service Updates, UI Search	Alerting, Email, Debugs, Bug Reporting, Custom Dashboards	Netdata	SMB Namesace, Data migration, Remote assistance, Proactive Monitoring
Clients & Applications	Windows, MacOS, Linux, UNIX, iOS, Android	Many applications via SMB, NFS, S3, or iSCSI	Integrated Applications via ZFS and Containers/VMs LXC	Multichannel SMB, Enterprise Filesync	RDMA for iSCSI/NFS

Services

Application Services	Apps, Catalogs, Docker Compose, Docker Containers	GPU Sharing, Sandboxes (LXC, Docker)	**VMs:** Windows, Linux, FreeBSD, PCIe/USB pass-thru, CPU pinning	**Apps:** OverlayFS, GPU Support, Bulk App Updates	HA Apps
Directory Services	Active Directory	Local Users and Groups	LDAP, Kerberos	Two Factor Authentication	Admin authentication via Active Directory
Storage Services	**File:** SMB 2/3, Multichannel, Import NFSv3/v4.1, SMB/NFSv4 Compatibility	**Block:** iSCSI, VAAI, Openstack Cinder, Fiber Channel, CS	**Object:** Scalable MinIO, CloudSync, Credentials	SMB Share Proxy, SMB Auditing, Rsync, Syncthing, inotify	vCenter Plugin, Enterprise CSI, Fibre Channel

ZFS

Data Management	Unlimited and Immutable Snapshots, Pool Checkpoints	Space-efficiet Clones, RAID-Z Expansion	**Replication:** Remote, Local, Auto-resume, and to Linux ZFS	Storage Web UI, Automated pool creation	Enclosure Management
Data Protection	Accelerated Copy-on-Write, 2-Copy Metadata	RAID-Z1/Z2/Z3, Mirrors, Fast Resilvering, Fast Boot, dRAID	Self-Healing Checksums	iX-Storj Cloud Backup, RAIDZ Expansion	
Data Reduction	Thin/Thick Provisioning	In-Line Adaptive Compression	Background Scrubbing	ZFS Copy Block, File Copy Acceleration	Veeam SMB Fast Copy
Data Acceleration	All-Flash, Fusion pools, Metadata on Flash	Read Cache (ARC/L2ARC): RAM Flash	Flash Write Cache, Fast File Copy, Million file directories	NVMe Optimizations	HA NVDIMM, Dual-Port SAS/NVMe

Operating System

Networking	**IPv4, v6:** 1 - 400 GbE, DHCP	LAGG, VLANs, Bridging	Jumbo frames, TCP options	Full Ipv4 and ipv6	
Data Security	Self-Encrypted Drives (TCG Opal), Dataset Encryption	Encrypted Replication, Wireguard, OpenVPN	ACLs, IP Filtering		KMIP, GPOS STIG, FIPS 140 Validated Encryption
Foundation	Boot Management, SSH	Docker, KVM, LXC	System Logging, NTP	Linux Kernel 6.6, Debian 12	

Hardware

High Availability	Fast ZFS Replication	VLANs or LAGG	Fast Failover, 1200 drive scalability	Tri-mode - SAS	Dual Controller High Availability **(with hardware)**
Hardware Management	IPMI Remote Management, GPUs	SAS JBODs, Global Spares	SMART (HDDs, NVMe SSDs)	Visual Enclosure Management **(with hardware)**	Tri-mode - NVMe
Platforms	Any x86 system	Mini X+ & Mini R			R/M/H/F-Series (Single or HA), **NVMe:** R60, H/F-Series (HA)
Support	Community Support: Forums, Documentation, Release Notes, Bug Ticketing, AI Bot				**Professional:** Up to 24/7×365

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