



							
General Features	FreeNAS Mini	FreeNAS Certified	TrueNAS X10	TrueNAS X20	TrueNAS Z30	TrueNAS Z35	TrueNAS Z50 TrueFlash
Target Use Case	SoHo/SMB Storage	General Business Storage	Mission-Critical Enterprise Storage				
Form Factor	Tower Enclosure Mini - 4 Bays Mini XL - 8 Bays	1U, 2U, 4U	Modular 2U/3U Rack Mount with Hot-Swappable Storage Controllers and Global Fault Notification LED				
High Availability Failover	N/A		Optional				Included
Storage Architecture	HDD/Optional Hybrid		Hybrid SSD/HDD				All-Flash
Storage Technology	SATA	SAS/SATA SATA in All-Flash Array	SAS				SAS All-Flash
Expansion Shelves Supported	N/A		2	2	4	8	4
Enclosure Management	N/A		Integrated				
Maximum Data Disks	Mini - 4 Mini XL - 8	Up To 26	36	72	111	480	112
Physical Storage Capacity	Mini - Up To 24 TB Mini XL - Up To 48 TB	Up To 240 TB	Up To 360 TB	Up To 720 TB	Up To 1.1 PB	Up To 4.8 PB	Up To 430 TB All-Flash
Usable Storage Capacity*	Mini - Up To 60 TB Mini XL - Up To 120 TB	Up To 600 TB	Up To 900 TB	Up To 1.8 PB	Almost 3 PB	Up To 12 PB	Over 4 PB
Mirrored Boot Device	Optional		N/A	Included			
Ethernet Performance	Up to 10GbE				Up To 20GbE	Up To 40GbE	Up To 40GbE
Fibre Channel Performance	N/A			2 Gb, 4 Gb, 8 Gb			
Fibre Channel Topologies	N/A			FC-SW, FC-P2P, FC-AL			
Vendor Certified	N/A				Veeam, VMware, Citrix		
OpenZFS Enterprise File System	Included						
Snapshotting, Replication and Rollback	Unlimited						
Unified File and Block Sharing	Included						

* Compression rates vary by application. 2.5x compression factor for Hybrid Arrays and 10x for All-Flash Arrays is reflected in the effective capacity.



Support and Warranty	FreeNAS Mini	FreeNAS Certified	TrueNAS X10	TrueNAS X20	TrueNAS Z30	TrueNAS Z35	TrueNAS Z50 TrueFlash
Software Support	N/A		Up To 24/7				
Hardware Warranty	1 Year	3 Years	Up To 5 Years				
On-site Hardware Support	N/A	Up To 24/7					
Deployment Services and Tuning	N/A		Included				
Zero-Downtime Upgrades	N/A		Optional with HA			Included	
Integrated Support Portal	N/A		Included				
IPMI Remote Management	Included						
Web, SSH and SNMP Remote Management	Included						

	TrueNAS X10	TrueNAS X20	TrueNAS Z30	TrueNAS Z35	TrueFlash Z50
Capacity (RAW)	Up To 360 TB	Up To 720 TB	Up To 1.1 PB	Up To 4.8 PB	Up To 430 TB
Effective* Capacity	Up To 900 TB	Up To 1.8 PB	Up To 2.75 PB	Up To 12 PB	Over 4 PB
Expansion Shelves Supported	2	2	4	8	4
Storage Architecture	Flash + Disk				All-Flash
Throughput	Up To 7 Gb/Sec	Up To 10 Gb/Sec	Up To 20 Gb/Sec	Up To 40 Gb/Sec	Up To 40 Gb/Sec
Flash Read/Write Cache	Up To 400 GB	Up To 800 GB	Up To 2.4 TB	Up To 4 TB	All-Flash Storage
Hybrid Storage Pools	Yes				None, All-Flash Storage
High-Availability Option	Yes				Included
Pricing	Starting at \$5.5K 120TB configuration under \$18K	Starting at \$10K 120TB configuration starting at \$25K	Starting at \$15K 120TB configuration starting at \$30K	Starting at \$25K 120TB configuration starting at \$40K	Call to Configure & Price