

BRING YOUR STORAGE TO LIFE

STRONGBOX T-SERIES

Performance. Low-Cost. Protection.

StrongBox® is a storage gateway solution that integrates storage tiers and technologies to simplify data management and enable the lowest-cost data preservation. The StrongBox appliance can be used as file-based, network-attached storage (NAS) or for object-based storage to support massively scalable data workloads.

By fusing high-performance flash and disk with Linear Tape File System (LTFS) tape technology, StrongBox delivers the perfect blend of economy and performance in one simple solution. Nearline (flash/disk) storage keeps data available and deep archiving (tape) ensures the lowest cost for long-term preservation. Our secret weapon is intelligent and automatic data management that erases the complexity of storage.

Simple Storage You Already Understand

StrongBox presents up to 256 unique shares using standard file protocols NFS or CIFS (SMB). Additionally, StrongBox supports the native S3 standard to power your private cloud. The robust, RESTful API provides tighter application integration to maximize performance in diverse environments. Installation is as easy as “plug and play” and start writing data.

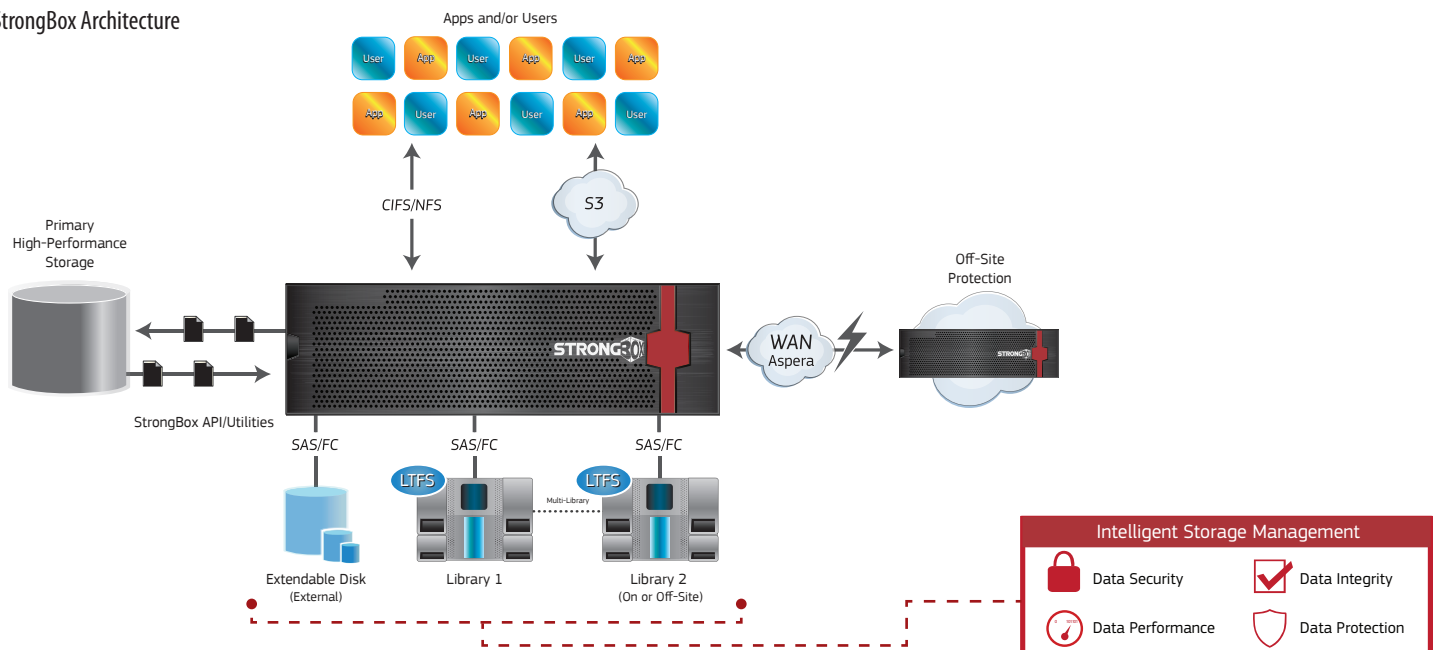
Performance, Guaranteed

Access data when and where you need it. StrongBox delivers tunable performance that allows you to meet the quality of service (QoS) levels required by your applications and users. Leverage StrongBox disk for nearline performance, or configure StrongBox as an active archive, unlocking the economic value of tape as high-capacity storage to maximize your ROI. Files are always secure, and retrieval is simple and fast.

Automated Protection

Your content is always protected as StrongBox automates file movement to LTFS tape and eliminates the need for backup. Data can be duplicated across multiple tape copies with an option to export physical media. Or, use WAN replication to send a copy to a second site or cloud for disaster recovery. Data is protected at the file, media, and system levels and constantly monitored to ensure secure, resilient data preservation.

StrongBox Architecture



TECHNICAL SPECIFICATIONS

System Specifications	T10G2	T30G2
Supported Protocols	NFS v3 CIFS SMB1/2/3 S3	NFS v3 CIFS SMB1/2/3 S3
Files Supported	Recommended maximum: 200 million files	Recommended maximum: 1.6 billion files
File Shares Supported	256	256
Internal Disk Storage	3TB Drive Option - Includes 4 x 3TB disk drives (RAID5, ~7.9TB Usable Disk Storage) 4TB Drive Option - Includes 4 x 4TB disk drives (RAID5, ~10.6TB Usable Disk Storage) 6TB Drive Option - Includes 4 x 6TB disk drives (RAID5, ~16.1TB Usable Disk Storage)	3TB Drive Option - Includes 16 x 3TB disk drives (RAID6, ~32.5TB Usable Disk Storage) 4TB Drive Option - Includes 16 x 4TB disk drives (RAID6, ~43.4TB Usable Disk Storage) 6TB Drive Option - Includes 16 x 6TB disk drives (RAID6, ~65.2TB Usable Disk Storage)
Connectivity	Standard: Quad Gigabit Ethernet ports for data Single Gigabit Ethernet port for management Storage Options (for libraries and external RAID): Dual port 6Gb/s SAS, Dual port 8Gb/s FC Single port 6Gb/s SAS for StrongBox XpanDisk	Standard: Single Gigabit Ethernet for management Option: 1 or 2 Quad port Gigabit Ethernet or 1 Dual port 10 Gigabit Ethernet for data Storage Options (for libraries and external RAID): 1 or 2 Quad port 6Gb/s SAS, 1 or 2 Quad port 8Gb/s FC, Dual port 6Gb/s SAS for StrongBox XpanDisk
Format Compatibility (Supported LTFs Tape Drives)	8 drives LTO-5, LTO-6, LTO-7 IBM TS1140/TS1150	16 drives LTO-5, LTO-6, LTO-7 IBM TS1140/TS1150
Physical Specifications		
Form Factor	1U server	3U server
AC Power	100-240 VAC auto-sensing, 50/60 Hz, 2.72 amps	100-240 VAC auto-sensing, 50/60 Hz, 5.67 amps
Width	17.2 in. (437 mm)	17.2 in. (437 mm)
Depth	25.6 in. (650 mm)	25.5 in. (648 mm)
Height	1.7 in. (43 mm)	5.2 in. (132 mm)
Weight	46 lbs. (20.9 kg)	72 lbs. (32.7 kg)
Environmental Specifications		
Operating Temperature	10 to 35° C	10 to 40° C
Operating Humidity Range	8-90% non-condensing	8-90% non-condensing
Heat	1126 BTUs	1126 BTUs



NEED HELP DECIDING?

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StrongBox Data Solutions, Inc. (SDS) is a worldwide leader in big data storage. We make data storage simple, flexible and affordable.

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