



# BrickStor<sup>®</sup> Titanium

## Data Protection

Data Protection Policies provide granular data protection of your data that is driven by business policy and data criticality. Data protection policies orchestrate granular zero footprint snapshots and data replication to ensure you are meeting business SLAs, RPOs and availability. Data protection simplifies data recovery and enables the restoration of an entire data set or a single file in less than a second. With smart folders by RackTop you can achieve the most granular data protection and reduce backup licensing and administration costs.

FIPS 140-2 AES 256 Self Encrypting Drives further protects your data with zero impact to performance.

Every BrickStor comes with free cloud storage so that you can leverage native WAN efficient replication and cloud connectivity for offsite backup and disaster recovery.

## High Performance Self Optimizing Storage

High performance storage for enterprise environments. Capable of handling streaming IO as well as random IO in support of virtualization, file shares, and databases from a single system.

BrickStor is a software defined storage appliance that automatically self optimizes itself for each individual workload to ensure maximum performance and efficiency with zero administrative support.

BrickStor's architecture enables unified scale out management through myRack, a revolutionary improvement in managing storage and data.

Type

General File System

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- MS Exchange Volume
- Oracle Volume
- Virtualization Storage
- Hyper-V Virtual Machines
- Hyper-V Virtual Machines Volume
- VMware VDI
- VMware Virtual Machines
- VMware Virtual Machines Volume
- Xen Virtual Machines

Volumes

### Data Protection

**Automatic Snapshot Creation**

Use profile protection policy

Automatic snapshot frequency and retention has been optimized for the selected storage profile. To edit these settings, choose custom.

On

-1 year      -6 month      now

Frequency	Retention
Every 4 hour(s)	5 day(s)
Weekly	4 week(s)
Monthly	6 month(s)
Yearly	1 year(s)

\* These settings only apply to new snapshots. Existing snapshots will expire based on the settings at the time of snapshot creation.

**Automatic Snapshot Replication**

On

Automatic replication has been enabled for self and descendants.

Normal priority on all targets

**Replication Targets**

Automatic replication targets have been configured for self and descendants.

p01 on bsr01 [LOG] [i]

common snapshot: 4/6/2016 6:41 PM  
target pool status:  
1 targets - 1 enabled | 307.8GB used | 1.55TB free

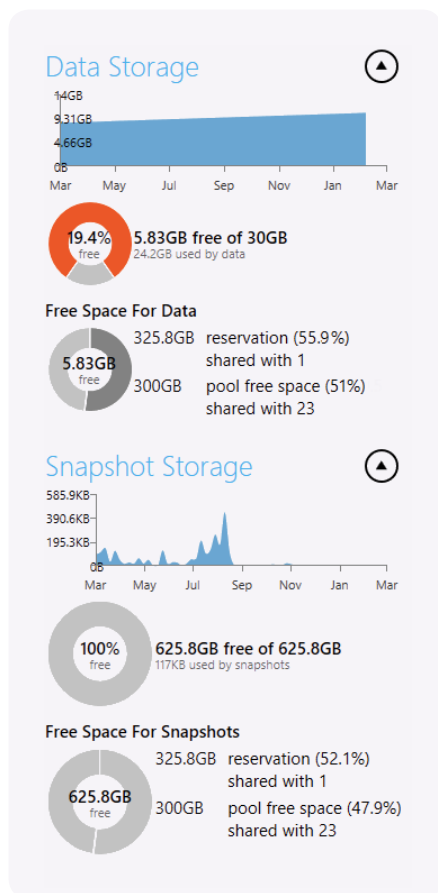


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## ◀ Data Visualization

myRack Manager provides unique data visualization capabilities across all of your BrickStors and the cloud to provide you with knowledge and to inform administration and business decisions.

- Capacity and Utilization Forecasting
- Return On Investment
- Performance Metrics
- Hot Files
- Bandwidth Utilization



Model	BrickStor TI3212
CPU	2 x 3.4 GHz 6-Core 20MB Cache CPU
L1 Read/Write Cache	128 GB-256 GB DDR4 RAM
Protocols	CIFS/SMB, NFS, AFP, iSCSI
10 GB Ethernet	SFP+ Optics, Direct Attach or 10GBaseT
Disks	12GB SAS, HDD and SSD
Health and Status Monitoring	Proactive monitoring and Support from RackTop
Avg/Peak Power	145/350W
Size	2U 16.93" x 27.95" x 3.44"
Support	Proactive Health Monitoring with advanced onsite parts replacement. Dedicated support team for rapid resolution.

## About RackTop Solutions

RackTop Systems designs and builds products to solve problems for enterprise IT decision makers. Our secure and powerful data management, storage, backup, and cloud systems meet the unique needs of the enterprise in ways that no other single provider or product can.

## Disk Shelves

Model	Details
SB2324	2U 24 x 2.5", Dual Expander, Dual Power Supply 100-240V AC
SB4324	4U 24 x 3.5", Dual Expander, Dual Power Supply 100-240V AC
SB4360	4U 60 x 3.5", Dual Expander, Dual Power Supply 200-240V AC