



SMALL ENTERPRISE UNIFIED STORAGE **BRICKSTOR IRON**

BrickStor Iron is a flexible Enterprise storage platform that delivers excellent value and performance for the most diverse storage environments. The Iron line of BrickStor storage appliances is the ideal foundation for virtualization, file shares, database and archive. It packs an extensive feature set coupled with top-down data integrity to ensure your data is safe. Iron can support hard disk, hybrid, and solid state storage tiers. BrickStor Iron offers the greatest total value with scalability and reliability to meet almost all data center needs.

FEATURES

- Data Protection Beyond Standard RAID
- Astounding Cache Performance
- Block and File Protocol Support
CIFS/SMB, NFS3/4, AFP, iSCSI, FC, FCoE
- Inline Compression and Deduplication
- Self-healing 128-Bit File System
- Unlimited Snapshots & Clones
- Thin Provisioning
- No File or Directory Limits
- Block and File Replication
- Superior Power Efficiency
- Call Home Storage Monitoring

BRICKSTOR WAS DESIGNED FROM THE GROUND UP TO MEET THE MOST DEMANDING IT STORAGE CHALLENGES. IT SATISFIES THE NEEDS OF BOTH THE CIO AND THE SYSTEMS ADMINISTRATOR BY SIMPLIFYING STORAGE OPERATIONS, DELIVERING UNMATCHED CONSISTENT PERFORMANCE, AND ELIMINATING HIDDEN COSTS. BRICKSTOR IS ENTERPRISE STORAGE PURPOSE-BUILT TO SOLVE ONE PROBLEM - YOURS.

BrickStor Iron

With RackTop's revolutionary approach to developing business-driven solutions coupled with the Enterprise value and extensive feature set of BrickStor, there is no other complete storage solution as versatile or competitive in the market. BrickStor Iron incorporates hard drives, fast RAM and ultra low-latency cache drives to stand up to the most demanding IO challenges.

BrickStor is more than just an off-the-shelf storage appliance. Each solution is custom engineered to meet your specific technical challenges and business needs, all while taking into account the factors that matter to you most. BrickStor Iron is designed to meet the needs of business organizations.

FE900

1 x 1.8 GHz 4-Core 15 MB Cache CPU

L1 Read/Write Cache 8 GB -192 GB 1600 MHz REG ECC RAM

4 x 1 Gbe Standard

2 x 48 Gbs SAS Host Bus Adapters

750 W Platinum Redundant Hot Swap Power Supplies

Hot Swap Fans

CIFS/SMB, NFS3/4, AFP, iSCSI, FC, WebDAV, FTP

Inline Compression & Deduplication

Unlimited Snapshots and Clones

Asynchronous Block and File Replication

Thin Provisioning

Active Health and Status Monitoring

DISKS

DISK	
Write Cache Options	45,000 - 100,000 (4k) Write IOPS per disk
L2 Read Cache Options	180GB - 400GB MLC SSD 45,000 + IOPS
Data Disks	1,2,3,4TB 7200 RPM; 300, 450, 600, 900 GB10 K; 146, 300GB 15K 6 Gbs SAS; 200, 400, 800GB SAS SSD

STORAGE BRICK DISK SHELVES

BRICKS	
SBG-12L	2U 12 x 3.5", Single Expander, Dual Power Supply
SBG-24S	2U 24 x 2.5", Dual Expander, Dual Power Supply

NETWORK OPTIONS

ADAPTERS
4 x 1 Gbe, 2 x 10 Gbe, 4 x 10 Gbe

ABOUT RACKTOP



We believe technology exists to solve business problems. That's why we focus on engineering custom tailored solutions which meet your specific needs. RackTop Systems designs and develops Enterprise data center products built for business. We focus on implementing impactful solutions which work for your business on day one and our expertise extends beyond our products alone. We pride ourselves by not only knowing our own products but also the products that touch or connect to them. It's that domain expertise and big picture approach which translates into quick ROI and successful implementations. To us, being a great company is more than just making products. We're no ordinary technology company. We're RackTop - your technology partner building solutions your way to accelerate your business.