



BAKSTOR
21st century backup and recovery

Bakstor 2000 – 21st century backup and recovery

2U, 4.8TB. Offers maximum performance and expansion to over 25TB

There is a large gap between the security of the traditional tape solution and the performance of a modern disk-to-disk backup device. The Bakstor unites the benefits of both technologies in a single, affordable and simple to use solution, providing a realistic 21st century backup appliance which offers unrivalled levels of features and benefits. The result of years of world leading backup and recovery experience has led to the design of The Bakstor's intelligent processing core. The core is so advanced that it can reduce the users' recovery time to minutes, whilst transparently managing the process of writing to tape and maintaining remote offsite disaster recovery copies.



Bakstor 2000

Basic product highlights:

- 10 minute installation
- Virtual Tape with capacity provisioning
- Extreme performance
- Load balancing and port failover
- Up to 6 Gb host bandwidth
- Complete solution in a single box
- Inbuilt Tandberg tape and library support
- Remote replication options
- Snapshot scheduling
- Designed and certified for Microsoft iSCSI
- Leading ROI
- Hot-plug drives

Includes Bakstor Foundation

- Intelligent Virtual tape with capacity provision
- Inbuilt direct to tape and full automation control
- Port Aggregation and Failover
- Optimised RAID protection

Bakstor EX2 Expansion unit 2U, 4.8TB

Utilising high performance and resilient connection technology the EX2 offers a simply to install, cost effective upgrade to the Bakstor 2000. Automated integration with the Bakstor's virtualisation engine ensures an instant dynamically grown pool of storage

Basic product highlights:

- 5 minute installation
- Extreme performance
- Load balancing and port failover
- Multiple RAID levels
- Designed and certified for Microsoft iSCSI
- Hot-plug components

The Bakstor 1000

Large recovery assurance, in a tiny box

1U, 1.6 Terabyte backup and recovery appliance for the small and remote office



Bakstor 1000

The Bakstor Range



Bakstor 1000

A 1U, 1.6 TB appliance designed for the small business and remote office. With the highest levels of availability, protection, performance and functionally, The Bakstor 1000 leads the disk based market and delivers the most complete solution in its class.



Bakstor 2000

Delivering 4.8 TB per 2U and suppling bandwidth of up to 6 Gb, the Bakstor 2000 is ideally suited to the larger client and multiserver environments looking to centralize backup resources and integrate universal recovery pools.

Storage Specification	Bakstor 1000-12	Bakstor 1000-14	Bakstor 2000-32	Bakstor 2000-42	Bakstor 2000-44	Bakstor EX
Native capacity:	1.0 TB	1.6 TB	2.0 TB	3.0 TB	4.8 TB	4.8 TB
Number of drives:	4 x 250 Gb	4 x 400 Gb	8 x 250 Gb	12 x 250 Gb	12 x 400 Gb	12 x 400 Gb
Maximum capacity:	1.0 TB	1.6 TB	28 TB	28 TB	28 TB	4.8 TB
RAID Levels:	0, 1, 5	0, 1, 5	0, 1, 5	0, 1, 5	0, 1, 5	0, 1, 5
Global hot spare:	yes	yes	yes	yes	yes	yes
Maximum LUNS:	256	256	512	512	512	512
ISCSI Specifications						
Native iSCSI ports:	2 x 1 Gb	2 x 1 Gb	2 x 1 Gb	2 x 1 Gb	2 x 1 Gb	
Maximum iSCSI ports:	2 x 1 Gb	2 x 1 Gb	6 x 1 Gb	6 x 1 Gb	6 x 1 Gb	
iSCSI port aggregation:	yes	yes	yes	yes	yes	
iSCSI port failover:	yes	yes	yes	yes	yes	
iSCSI port load balancing:	yes	yes	yes	yes	yes	
Maximum single IP bandwidth: 2 Gb	2 Gb	2 Gb	6 Gb	6 Gb	6 Gb	
Microsoft certified:	yes	yes	yes	yes	yes	
iSNS support:	yes	yes	yes	yes	yes	
LUN masking and security:	yes	yes	yes	yes	yes	
CHAP Authentication:	yes	yes	yes	yes	yes	
Virtual tape						
Static Virtual Tape:	yes	yes	yes	yes	yes	
Dynamic Virtual Tape:	yes	yes	yes	yes	yes	
Maximum Virtual Tapes	256	256	512	512	512	
Tape and library						
Direct tape connection:	SCSI	SCSI	SCSI	SCSI	SCSI	
Direct tape and library control:	yes	yes	yes	yes	yes	
Inbuilt backup scheduling:	yes	yes	yes	yes	yes	
Snapshot scheduling:	yes	yes	yes	yes	yes	
Writable snapshot technology:	yes	yes	yes	yes	yes	

With the addition of the purposely designed Bakstor EX and leveraging the inbuilt powerful virtualisation module, a solution can be easily upgraded to over 25 TB in minutes and in stages that suit your requirements without any initial outlay.

- Extreme backup and recovery performance reduces the time-of-vulnerability by over 50 % when compared to its closest competitor.
- Inbuilt multipath technology significantly increases the level of availability with load balancing and transparent port failover.
- Intelligent direct-connect tape and library support allows complete server-less and non application impacting backup to tape.
- Enhanced Virtual Tape and Library with capacity provisioning maximizes current investments and ensures zero application impact.
- Writable-snap cycling technology provides instant access to over 100 days worth of data.

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