FAST LTA
We secure Petabytes.

Silent Bricks

Silent Brick Drive

The **Silent Brick Drive** is a storage appliance for backup and archiving, featuring 2 slots for Silent Brick storage media.

Archival Storage – File server and compliant archive with 2 slots, up to 24 TB each (gross). The linear, self-contained file system acts like an integrated data protection level.

Backup Storage – Store incremental backups on re-writable NAS volumes and full backups on self-protected SecureNAS or VTL – ideal for Veeam.

Thanks to the movable Silent Bricks and the option for replication, the Drive is ideally suited for distributed installations with a central storage. With the replication taking place on a per-Silent-Brick basis, data from a remote location is exactly locatable in the central storage.

Highlights

- 1 U, 2 slots
- Up to 48 TB (gross, uncompressed)
- E-Paper display as electronic label
- Supports Silent Brick, Silent Brick Flash and Silent Brick WORM
- Every slot /Silent Brick can be individually configured as NAS, SecureNAS or VTL
- Supports local and remote replication of Silent Bricks
- Exchange Silent Bricks between Drives and Silent Brick Systems

Technical Data

Silent Brick Drive

Storage Appliance for Backup & Archiving

Slots & Capacity

Slots	2 slots for Silent Bricks
Capacity	Up to 48 TB (gross), combined

Interface

Network	1 GBit or
	dual 10 GBit (optional)

Power Consumption

Stand-by	10 Watts
Typical	ca. 90 Watts (with hard disks)
Continuous Operation	150 Watts
Thermal Output	typical 307 BTU/h
	maximum 512 BTU/h

Physical Data

Size	H 1 U / W 19'' / D ~60cm
Weight	~7 kg (empty slots)
	~11 kg (with 2 Silent Bricks)

Silent Brick

Online-/Offline-/Off-site Storage Media

Available Capacities

Gross Capacity	3, 6 or 12 TB (SSD)
	12 or 24 TB (hard disk)
WORM Sealing	Hardware gateway (optional)
Storage Medium	12 x 2,5", SSD or hard disks (SATA)
Disk Mix	4 SSDs/disks from 3 different production
	batches, minimizes risk of epidemic failure

Configuration

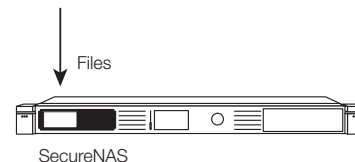|	
File Systems	NAS – RAIDz, dual or triple Parity
	SecureNAS / WORM / VTL –
	linear, self-contained, Erasure Coding
	with 4 out of 12 redundancy
Modes	NFS / SMB Shares
	VTL

Physical Data

Dimensions	H 115 mm / W 30 mm / D 542 mm
Weight	~2 kg

Sample Configurations

File Server
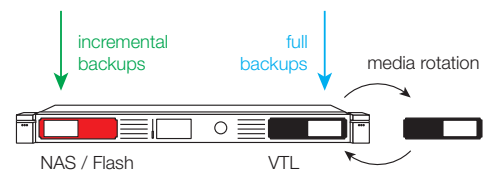> Silent Brick Drive , 1G Ethernet
> Silent Brick (disk) 12/8 TB (gross/net*)

Files

SecureNAS

Compliant Archive
> Silent Brick Drive, 1G Ethernet
> Silent Brick WORM (disk) 6/4 TB (gross/net*)

§§ Files

SecureNAS / WORM
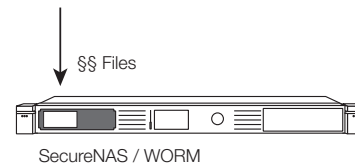
Backup Storage with media rotation
> Silent Brick Drive, 10G Ethernet, CPU upgrade
> Silent Brick Flash 3/2 TB (gross/net*)
> Silent Brick (disk) 12/8 TB (net*), active
> Silent Brick (disk) 12/8 TB (gross/net*), inactive

incremental backups   full backups   media rotation

NAS / Flash   VTL