

Silent Brick Max Air

Stationary storage module for the Silent Brick Controller with true Air Gap.
1U, 12 hard drives from 3 production batches, connected via SAS.
Can be deployed as a NAS via SMB/NFS, as S3 object storage or as a VTL.

The Silent Brick Max Air is a rack-mountable storage container for the Silent Brick system, offering 48, 96, 144 or 240 TB (gross) in a single U rack space with a galvanic air gap.



Zero Loss by Design

Uncompromising design to prevent data loss. 3- or 4-fold redundancy. Digital audit. Batch mixing.



HDD cost-effectiveness

Up to 240 TB each (gross). 12x SATA-HDD, hot-swappable. Up to 6+ TB (gross) with Controller X.



True Air Gap

100% electrical isolation from the system.
Reactivation can be manual or time-controlled.



Multi-format

SecureNAS 3P via SMB/NFS. S3 object storage with Object Lock. VTL with erasure coding.

APPLICATIONS

Secondary Backup Target · Backup & Recovery with Air Gap · S3 Bucket · File server / NAS · VTL Archive

STATUS

Available to new and existing customers with Controller X or Controller (G Series)

PHYSICAL DATA

Height	1 U
Width	19 inch
Length	745 mm
Weight	~18 kg (with 12x HDD)

OPERATION

Host connection	SAS to Silent Brick controller / SAS switch
Protocols	VTL · SMB · NFS · S3
Object store	S3-compatible protocol · Object Lock
Scaling	Volumes spanning multiple Silent Brick Max Air units with the same configuration

ARTICLE NO

SB48048
SB84096
SB84144
SB84240

VARIANT

Silent Brick Max Air 32/48 TB 48 TB
Silent Brick Max Air 64/96 TB 96 TB
Silent Brick Max Air 96/144 TB 144 TB
Silent Brick Max Air 160/240 TB 240 TB

CAPACITY (GROSS)

ASSEMBLY

Storage media	12x SATA HDD
Batch mix	3 different production batches
Gross capacity	48 / 96 / 144 / 240 TB per 1U

DATA INTEGRITY

SecureNAS 3P	Triple parity (ZFS)
SecureNAS ERC / VTL	4-fold redundancy, 12/8 Erasure Coding, linear file system
Air Gap (optional)	„Manual“ mode: Button on the device „Timed“ mode*: Dissolve after an interval
Compatibility	Silent Brick Controller X · Controller (G-Serie)

*available via SW update in late 2026

Further information and a demo:

www.fast-lta.de/en/silent-brick-system

