

Silent Brick Controller X

PCIe-based, high-performance controller for backup & recovery and VTL archives. 0 to 8 slots for NVMe-based Silent Brick Pro. Up to 768 TB (gross) of internal NVMe storage in a 2U chassis, externally expandable to over 7 PB of total capacity.

The Silent Brick Controller X is available in configurations without or with 2, 4, 6 or 8 slots for internal storage. All versions can be expanded with external storage via SAS.



Zero Loss by Design

All components have been designed and selected to ensure that all data is protected to the highest possible standard.



NVMe performance

Up to 768 TB of internal NVMe storage. Maximum performance for backup and recovery.



HDD cost-effectiveness

Up to 6 PB of external disk storage. Maximum cost-effectiveness combined with high performance.



Air Gap everywhere

A physical/electrical air gap on every storage medium. Effectively protects your data.



Managed Storage

All-inclusive CARE contract: up to 10 years maintenance & support.



Made in Europe

Appliance from a German manufacturer. Managed with FAST LTA CARE.

APPLICATIONS

3-2-1-1-0-Backup & Recovery with Air Gap · Local S3-compatible Object Storage · VTL Archive · Data Transport

STATUS

Available to all new and existing customers

STORAGE

Internal Storage up to 768 TB gross (Silent Brick Pro, NVMe)
 External Storage up to 6.240 TB gross (26x Silent Brick Max Air, HDD; SAS switches required)

PLATFORM

Motherboard PCIe Gen4
 RAM 32 GB (optional 128 GB)

PHYSICAL DATA

Width 19 inch
 Height 2 U
 Length 640 mm

ARTIKLE-NO

SH7000	Controller X7000	0
SH7020	Controller X7020	2
SH7040	Controller X7040	4
SH7060	Controller X7060	6
SH7080	Controller X7080	8

INTERFACES

Standard	Dual 10 GbE (RJ45) or 10 GbE SFP+ – modules supplied
Optional	Dual 25 GbE (RJ45 / SFP+) / Dual 100 GbE (QSFP) – modules supplied
SAS Interface	Serial Attached SCSI (SAS), dual Wide Link 2x 6 Gbit/s (2x 12 Gbit/s HD-Mini SAS SFF-8644)
Administration & API	1x 1 GbE
HW Monitoring (IPMI)	1x 1 GbE

POWER DATA (X7080)

Power Consumption	typ. ~ 630 W (with 8x SB Pro in operation) max. 1.410 W
Heat Dissipation	typ. 2.150 BTU/h max. 4.812 BTU/h

