

BRICK2 STORAGE EVO



Product overview

BRICK2 STORAGE is a removable mass Storage device up to 24 Gbit/s sustained write performance for **BRICK2** and **DATALynx ATX4** measurement and recording systems.

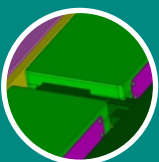
PCI Express 3.0 based host connection for maximum data throughput. Hardware RAID Controller system for most flexibility and best performance to power ratio.

Proven SATA SSD technology for high capacity, bandwidth and data duration.

BRICK2 STORAGE is part of the b-plus Data recording system, see accordingly specification for more details.

Highlights

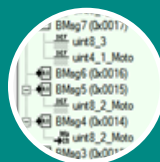
- High performance RAID system up to 24 Gbit/s sustained write
- Removable device for simple data handling
- Various capacities of 8 TB, 16 TB, 32 TB
- Compact and robust design for harsh environment
- Status indicator for easy functional diagnostics
- Integrated in the μ Controller based SIODI system management for save operation
- Software encryption AES 256 bit with hardware acceleration



Up to
32 TB capacity



24 Gbit/s
sustained write



high performance
RAID system



Robust design for
harsh
environment



Removable
Device

Technical Information

Architecture

PCI Express 3.0 SATA RAID solution
 8 x SATA SSD, passive cooling
 Various Storage Capacity 8 TB, 16 TB, 32 TB

Performance

RAID0 preconfigured
 Up to 24 Gbit/s sustained write

Environment specification

Operating temperature: -10°C ~ +50°C
 Non-operating: -40°C ~ +85°C
 Humidity: 10% to 90%, non-condensing
 Temperature controlled Operation integrated in the b-plus SIODI system management Controller

Mechanical Dimensions

0.5U, 280x248x22mm (WxDxH)

Compatibility

BRICK2 with Win10 IoT EN x64, Linux x64
 DATAlynx ATX4 with B2S Add on
 COPYlynx G7 K4 & K5

Power consumption

typical power consumption 50 W (@writing) powered by BRICK2 or DATAlynx ATX4



DATAlynx ATX4 with Add-on B2S



BRICK2 with BRICK2 STORAGE



STORAGE Protection Cover (included)

Name

Order-no.

Description

Name	Order-no.	Description
BRICK2 STORAGE 32T822S7E	B17049-B2S-101-032T	BRICK2 STORAGE 32 TB Cartridge with high performance RAID Controller and EVO SSD, RAID 0/NTFS
BRICK2 STORAGE 16T822S7E	B17049-B2S-101-016T	BRICK2 STORAGE 16 TB Cartridge with high performance RAID Controller and EVO SSD, RAID 0/NTFS
BRICK2 STORAGE 8T822S7E	B17049-B2S-101-008T	BRICK2 STORAGE 8 TB Cartridge with high performance RAID Controller and EVO SSD, RAID 0/NTFS
BRICK STORAGE Transport Case	B17575-ACC-003-0001	Very robust case for safe and secure transport and store of up to 5 BRICK Storage Cartridges
BRICK STORAGE Protection Cover	B17575-ACC-010-0010	Pack of 10 BRICK STORAGE Protection Cover blue with logo print, size 305 x 265mm, 3mm neoprene