

BRICK2 STORAGE EXT



Product overview

BRICK2 STORAGE is a removable mass Storage device up to 20 Gbit/s sustained write performance for **BRICK2** and **DATALynx ATX4** measurement and recording systems.

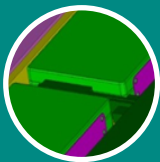
PCI Express 3.0 based host connection for maximum data throughput. Hardware RAID Controller system for most flexibility and best performance to power ratio.

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

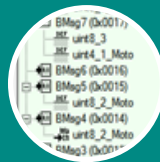
- High performance RAID system up to 20 Gbit/s sustained write
- Extended temperature version for extreme conditions
- Removable device for simple data handling
- 16 TB capacity
- Compact and robust design for harsh environment
- Status indicator for easy functional diagnostics
- Integrated in the μ Controller based SIODI system management for save operation
- Software encryption AES 256bit with hardware acceleration



16 TB capacity



20 Gbit/s
sustained write



proven Hardware
RAID system



Robust design for
harsh
environment



Removable
Device

Technical Information

Architecture

PCI Express 3.0 x 8 SATA RAID solution
8 x SATA SSD, passive cooling
Industrial grade SATA SSD
Capacity 16 TB (other on request)

Performance

RAID0 preconfigured
Up to 20 Gbit/s sustained write

Environment specification

Operating temperature: -20°C ~ +60°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

BRICK2 STORAGE 16T822TG6	B17049-B2S-102-016T	BRICK2 STORAGE EXT 16 TB Cartridge with hardware RAID Controller and SATA SSD, RAID0
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