

BRICK2 STORAGE



Product overview

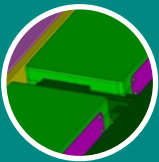
BRICK2 STORAGE is a removable mass Storage device with 24Gb/s continuously writing performance for BRICK2 measurement and recording systems.

PCI Express based high performance host connection for maximum data throughput and Hardware RAID Controller system for most flexibility and best performance to power ratio. Proven PRO SSD technology for high capacity, bandwidth and data duration.

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

Highlights

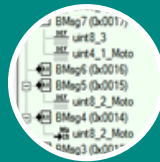
- High performance RAID system with 24Gb/s writing speed¹
- Removable device for simple data handling
- Various capacities of 8TB, 16TB, 32TB and 62TB*
- Compact and robust design for harsh environment use
- Operating and status indicator for easy functional diagnosis
- Software API b-plus SIODI support
- Integrated in the μ Controller based BRICK2 system management for save operation



Up to
62 TB capacity



up to 24Gb/s
recording speed¹



proven Hardware
RAID system



Robust design for
harsh
environment



Removable
Device

Technical Information

RAID System

Continuous write performance > 24Gb/s¹
 PCI Express high performance Hardware RAID controller
 Up to 8 x 2,5" SSD (max 9mm height)
 Max. Capacity up to 62TB¹
 Raid Mode 0 / NTFS preconfigured

Environment specification

Operating temperature
 Ind. SSD based: -20°C ~ +60°C
 PRO SSD based: -10°C ~ +60°C
 Non-operating: -40 ~ 85°C
 Humidity: 10% to 90%, non-condensing
 Temperature controlled Operation to secure Data integrity¹
 Integrated in the BRICK2 Board management Controller (BMC) system

Mechanical Dimensions

B:280mm H:22mm(0,5HE) T:248mm, fit into BRICK2 Storage Bay Add-on

Compatibility

BRICK2 with Windows 10 IoT EN x64, Linux x64

Power consumption

typical power consumption 50W (@writing)

Power Supply

Directly powered by BRICK2 measurement and recording unit max. 90W²

¹physical writing speed. depends on, SSD type, configuration and RAID Mode

²max. Interface power



BRICK2 with BRICK2 Storage



STORAGE Protection Cover (included in the scope of delivery)



STORAGE Transport case

Name

Order-no.

Description

BRICK2 STORAGE HR0808TPS	B17049-B2S-102-0000	BRICK2 STORAGE 8TB Cartridge with high performance RAID Controller and PRO SSD, RAID 0/NTFS
BRICK2 STORAGE HR1608TPS	B17049-B2S-101-0000	BRICK2 STORAGE 16TB Cartridge with high performance RAID Controller and PRO SSD, RAID 0/NTFS
BRICK2 STORAGE HR3208TPS	B17049-B2S-100-0000	BRICK2 STORAGE 32TB Cartridge with high performance RAID Controller and PRO 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

*Restricted under investigation