

BRICK STORAGEplus EVO



Product overview

BRICK STORAGEplus is a removable mass Storage device up to 16 Gbit/s sustained write performance for BRICK and BRICKplus measurement and recording systems.

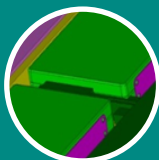
PCI Express 3.0 based host connection for maximum data throughput. Hardware RAID Controller system for most flexibility and best performance to power ratio.

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

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

Highlights

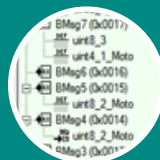
- High performance RAID system with 16 Gbit/s writing speed¹
- Removable device for simple data handling
- Various capacities of 8 TB, 16 TB, 32 TB
- Compact and robust design for harsh environment use
- Operating and status indicator for easy functional diagnosis
- SIODI Control API
- Integrated in the µController based BRICK system management for save operation
- Software* encryption AES 256bit with hardware acceleration



Up to
32 TB capacity



16 Gbit/s
recording speed¹



high performance
RAID system



Robust design for
harsh
environment



Removable
Device

Mass Storage Device for BRICK Systems

Technical Information

Architecture

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

Performance

RAID0 preconfigured
Up to 16 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

BRICK with Win10 IoT EN x64, Linux x64
BRICKplus with Win10 IoT EN x64, Linux x64
COPYLynx G7 K0, K1, K2, K3

Power consumption

typical power consumption 50 W (@writing) powered
by BRICK



BRICKplus with BRICK STORAGEplus



STORAGE Protection Cover



BRICK STORAGE Transport Case

Name

Order-no.

Description

BRICK STORAGEplus 32T822S7E	B17575-BSC-101-032T	BRICK STORAGEplus EVO 32TB Cartridge with hardware RAID Controller and SATA SSD, RAID 0/NTFS
BRICK STORAGEplus 16T822S7E	B17575-BSC-101-016T	BRICK STORAGEplus EVO 16TB Cartridge with hardware RAID Controller and SATA SSD, RAID 0/NTFS
BRICK STORAGEplus 8T822S7E	B17575-BSC-101-008T	BRICK STORAGEplus EVO 8TB Cartridge with hardware RAID Controller and SATA 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