

BRICK STORAGE EVO



Product overview

BRICK STORAGE is a removable mass Storage device up to 8 Gbit/s sustained write performance for **BRICK** and **BRICKplus** measurement and recording systems.

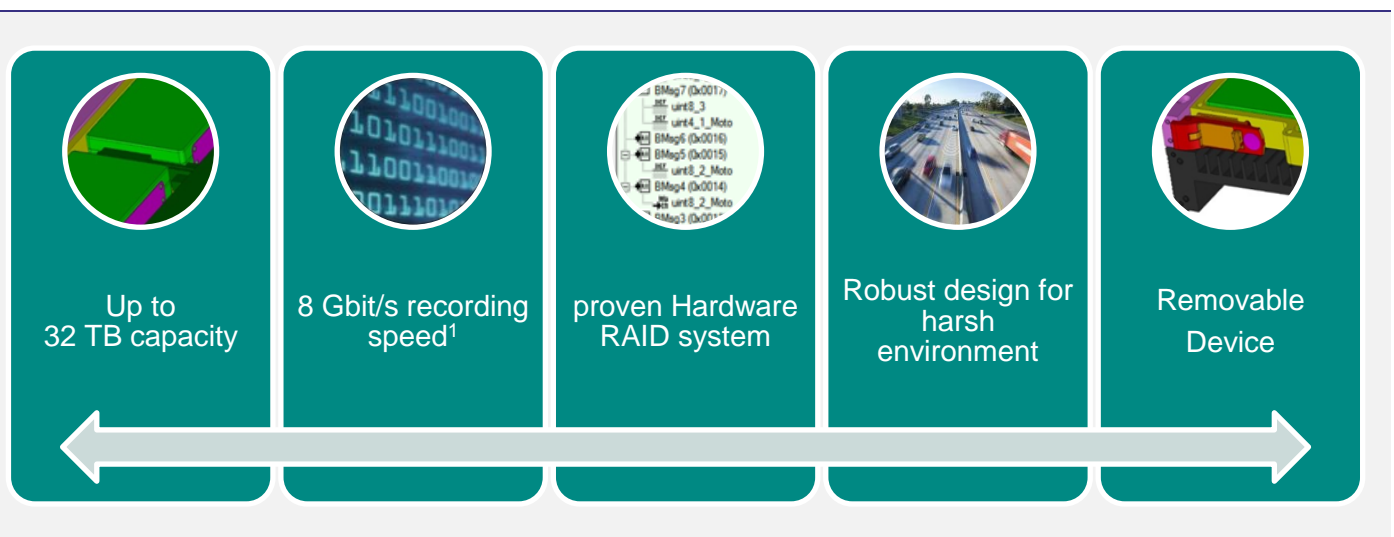
PCI Express 3.0 based host connection for maximum data throughput. Hardware RAID Controller system for most flexibility and best performance to power ratio.

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

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

Highlights

- Hardware RAID system with 8 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 μ Controller based BRICK system management for save operation
- Software encryption AES 256bit with hardware acceleration



Alle Daten bei 25°C Umgebungstemperatur, falls nicht anders angegeben. / All data at nominal input and 25° C ambient temperature, if not marked otherwise. ▪ Alle Daten dienen nur Informationszwecken und sind nicht als zugesicherte Eigenschaften aufzufassen. / All data for information purposes only, no assured characteristics. ▪ Technische Änderungen ohne vorherige Ankündigung sowie Irrtümer vorbehalten. / Technical modifications without notice and errors reserved. ▪ Belastung mit Extremwerten über einen längeren Zeitraum kann die Zuverlässigkeit beeinflussen. / Strain with extreme values for a longer period may affect the reliability. ▪ Alle Trademarks und Logos sind Eigentum der jeweiligen Unternehmen. / All trademarks and logos are property of the concerning companies. In case of doubts the German version of the document is binding. © b-plus GmbH • Dez-21 ▪ Version: 1.0

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 8 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 Win 7 / 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 45 W (@writing) powered
by BRICK



Removable BRICK STORAGE



STORAGE Protection Cover



BRICK STORAGE Transport Case

Name

Order-no.

Description

BRICK STORAGE 32T812S7E	B17575-BSC-001-032T	BRICK STORAGE 32TB Cartridge with hardware RAID Controller and EVO SSD, RAID 0/NTFS
BRICK STORAGE 16T812S7E	B17575-BSC-001-016T	BRICK STORAGE 16TB Cartridge with hardware RAID Controller and EVO SSD, RAID 0/NTFS
BRICK STORAGE 8T812S7E	B17575-BSC-001-008T	BRICK STORAGE 8TB Cartridge with hardware 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

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