

BRICK STORAGE^{plus}

Product overview

BRICK STORAGE^{plus} is a removable mass Storage device especially for BRICK/BRICK^{plus} data recording systems

PCI Express based high performance host connection for maximum data throughput

Server hardware RAID Controller system with up to 16Gb/s continuous writing

Latest PRO SSD technology for high bandwidth, write cycles and data duration

Scalable Capacity with 8, 16 and 32TB

Operating and status indicator and software API for fast and easy functional diagnostic

Integrated in the μ Controller based BRICK temperature and control Management for save operation

Compact and robust design

Compatible with BRICK Thunder Dock and b-plus CopyLynx data download station

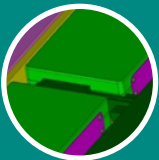
BRICK STORAGE^{plus} is part of the BRICK^{plus} Data recording system, see BRICK^{plus} specification for more details

¹Depends on SSD configuration



BRICK STORAGE^{plus}

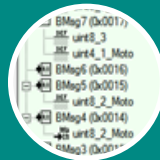
Highlights



Up to
32 TB capacity



Server RAID
technology up to
16Gb/s
recording¹



RAID Modes
(0,1,5)



Robust housing
for vehicle use



Fast storage
exchange

Technical Information

RAID System

PCI Express high performance RAID controller
Up to 8 x 2,5" SSD (max 9mm height)
Max. Capacity up to 32TB¹
Continuous write performance up to 16Gb/s¹
Raid Mode 0 / NTFS preconfigured

Environment specification

Operating temperature
PRO SSD based: 0°C ~ 60°C
Ind. SSD based: -25°C ~ +70°C
Non-operating: -40 ~ 85°C
Humidity: 10% to 90%, non-condensing
Temperature controlled Operation to secure Data integrity¹

Integrated in the BRICK board management
Controller system

Mechanical Dimensions

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

Compatibility

BRICK and BRICKplus with Windows 10 IoT EN
x64, Linux x64

Power Supply

Directly powered by BRICK CORE COM,
typical power consumption 35W, max 45W¹

including neoprene STORAGE protection cover

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



BRICK CORE COMplus with BRICK STORAGEplus



STORAGE Transport case



STORAGE Protection Cover

Name

Order-no.

Description

BRICK STORAGEplus HOR3208TPS	B17575-BSC-100-0000	BRICK STORAGEplus 32TB Cartridge with high performance HW-RAID Controller, PRO SSD, RAID 0/NTFS
BRICK STORAGEplus HOR1608TPS	B17575-BSC-101-0000	BRICK STORAGEplus 16TB Cartridge with high performance HW-RAID Controller, PRO SSD, RAID 0/NTFS
BRICK STORAGEplus HOR0808TPS	B17575-BSC-102-0000	BRICK STORAGEplus 8TB Cartridge with high performance HW-RAID Controller, 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