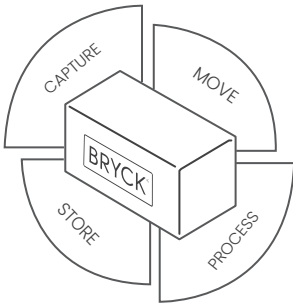




Activating the Data that Runs the World

BRYCK IS A POWERFUL, PORTABLE SOLUTION FOR CAPTURING, PROCESSING, MOVING, AND STORING DATA IN ANY FORMAT, FROM ANY SOURCE.



SPECIFICATIONS

STORAGE VARIANTS	128TB, 256TB, 512TB, 1PB
INTERFACES	PCIe/NVMe
WEIGHT	14lbs
POWER CONSUMPTION	520W (Max)
ENCRYPTION	AES-256
DATA ACCESS THROUGHPUT (LOCAL & NETWORK)	40GB/s & 15GB/s
OPERATING TEMPERATURE	0°C to 60°C
NON-OPERATING TEMPERATURE	-40°C to 60°C

Up to 8x storage with data de-duplication

Rugged & Portable Storage

Alert and Event Logging

Hot Pluggable BRYCK (No power cycling)

AUTOMATED ENCRYPTION KEY MANAGEMENT WITH AWS KEY MANAGEMENT SERVICE	Manage the encryption keys of all BRYCKs in a deployment automatically with AWS KMS
FAST DATA UPLOAD TO AND DOWNLOAD FROM BRYCK	Multi-threaded, highly parallel utility BryckCP uploads and downloads data to/from BRYCK at high speed
DATA PROTECTION FROM HARDWARE FAILURE AND DATA CORRUPTION	RAID5, RAID6, Data protection, Auto data corrections, supports upto 1024 read-only data snapshots.
PROTOCOL AND FILE SHARING	Access to BRYCK data over NFS, SMB, S3, NFS & SMB over RDMA. Across UNIX, Windows and Mac clients.
HIGH-PERFORMANCE STORAGE SERVER	Optional AMD/Intel PCIe Gen4 storage server; existing servers supported



BRYCK® Front View

LENGTH 10" | WIDTH 5" | HEIGHT 5.4"

Self-Healing	Automatic fault detection Auto data corruption recovery High availability operations
Management Interfaces	Web Browser-based Real-time Dashboards REST API for data center orchestration
Data Access	1, 2 - BRYCK Access per server Direct attached I/O Interoperable with servers

ENVIRONMENTAL SPECIFICATIONS

COMPLIANCE REGULATIONS

OPERATING HUMIDITY
10-90% RELATIVE HUMIDITY

NON-OPERATING HUMIDITY
5% TO 95% (NON-CONDENSING)

ALTITUDE
0-30,000 FEET ABOVE SEA LEVEL

COMPATIBLE OPERATING SYSTEMS: [ORACLE LINUX 8.4](#), [UBUNTU 22.04](#)

TRAY

THE TRAY IS A 4U RACK-MOUNTABLE, AIRBORNE-DEPLOYABLE RUGGED SYSTEM DESIGNED TO INTERFACE SEAMLESSLY WITH THE BRYCK®

	TR-4U1B	TR-4U2B
BRYCK® CAPACITY & SUPPORT	1x BRYCK, single backplane	2x BRYCK, dual backplanes
PCIe GENERATION	PCIe Gen 4.0 & 3.0 (Backward Compatibility)	PCIe Gen 4.0 & 3.0 (Backward Compatibility)
CONNECTIVITY/PORTS	SFF-8654 Connectivity	SFF-8654 Connectivity
FORM FACTOR	4U Half Width & Depth	4U Half Depth
WEIGHT	25 lbs (empty), 39 lbs (with BRYCK)	38lbs Empty, 52lbs (1x BRYCK), 66lbs (2x BRYCK)
POWER INPUT	Dual-redundant PSUs (1600W) 100V-240V AC, 50/60 Hz	Dual-redundant PSUs (1600W) 100V-240V AC, 50/60 Hz
SYSTEM MONITORING	Automatic Thermal Control (Optional IPMI)	Automatic Thermal Control (Optional IPMI)
COOLING	Redundant fans	Redundant fans
FAN FILTERS	Quadra-Foam 45 PPI Fan Filters	Quadra-Foam 45 PPI Fan Filters
OPERATING TEMPERATURE	0°C to 60°C	0°C to 60°C
NON-OPERATING TEMPERATURE	-40°C to 70°C	-40°C to 70°C



TR-4U1B

LENGTH 18.5" | WIDTH 10.7" | HEIGHT 7"



TR-4U2B

LENGTH 18.5" | WIDTH 17.2" | HEIGHT 7"