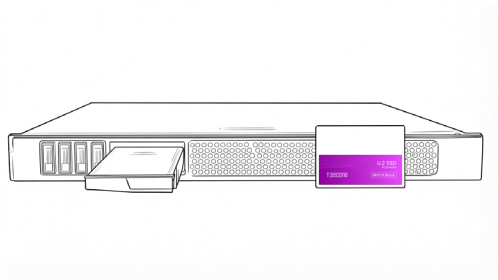
BRYCK Block

Plug-and-Play Storage Boost For Existing Infrastructure

BRYCK BLOCK IS ENGINEERED TO MEET THE EXTREME DEMANDS OF DEFENSE, AEROSPACE & INDUSTRIAL SECTORS



SPECIFICATIONS

STORAGE VARIANTS	16TB, 32TB, 64TB, 128TB
INTERFACES	NVMe | PCIe
FORM FACTOR	U.2
POWER CONSUMPTION	25W
ENCRYPTION	AES-256 (TCG Opal 2.0)
DATA ACCESS THROUGHPUT	4GB/s
OPERATING TEMPERATURE	0°C to 60°C
NON-OPERATING TEMPERATURE	-40°C to 70°C

- Compact U.2 Form Factor
- Rugged & Portable Storage
- Metal Block Cabinet Enclosure
- Software-defined RAID & erasure coding

128TB OF EDGE-OPTIMIZED STORAGE	128TB ultra-fast NVMe storage enabling years of surveillance, drone, satellite, and AI sensor data.
DESIGNED FOR THE EDGE	Rugged storage built for tactical, airborne, & industrial deployments in extreme operating conditions.
PLUG-AND-PLAY EXPANDABILITY	Seamlessly scales storage capacity of all existing U.2 servers without costly upgrades or server replacements.
FIELD-REPAIRABLE & FAULT-TOLERANT	No single point of failure; Eight independently managed NVMe controllers
99% STORAGE UTILIZATION	Reduced storage overhead for redundancy configuration

BRYCK Block Front View LENGTH 0.6" | WIDTH 2.75" | HEIGHT 3.95"

INTEGRATIONS

INSTANTLY ADD HIGH-PERFORMANCE, FAULT-TOLERANT STORAGE BY SIMPLY PLUGGING BRYCK BLOCK INTO A U.2 SLOT.

EDGE SERVERS

Fault-tolerant, high-throughput edge storage for real-time analytics, inferencing, & secure offload in disconnected environments.

VPX SERVERS

Defense-grade storage integrated with VPX platforms for rugged, modular, mission-critical workloads.

DATA CENTER SERVERS

U.2 NVMe storage delivering hyperscale performance with edge-grade resilience for AI and sensor workloads.

DRONES

Fault-tolerant, high-throughput edge storage for real-time analytics, inferencing, & secure offload in disconnected environments.