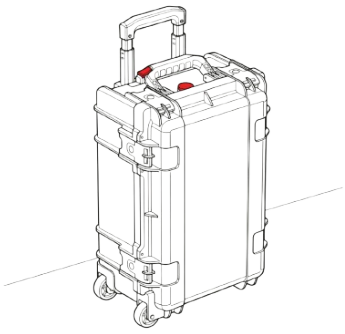
BRYCK FXR

Ruggedized High Performance Edge AI Flyaway Kit

BRYCK FXR IS A TSA CARRY-ON COMPLIANT RUGGEDIZED FLYAWAY KIT DESIGNED WITH 1PB NVME STORAGE AND NVIDIA GPU



SPECIFICATIONS

STORAGE CAPACITY	UPTO 1PB
MEMORY	2TB 3200 MHZ ECC RAM
CPU	128 CORES AMD EPYC PROCESSOR
GPU	NVIDIA RTX4000
POWER	1000W (MAX)
DATA ACCESS THROUGHPUT (NETWORK)	1000GB/s
ENCRYPTION	AES-256
WEIGHT	30lbs

Local, Air-gapped AI Processing

Telescoping handle & wheels

Quick setup anywhere

Field repairable & replaceable components

HIGH-CAPACITY AND ENTERPRISE STORAGE	Features petabyte-scale NVME all flash storage with robust enterprise-grade protection.
PROTOCOL AND FILE SHARING	Standards-based interfaces eliminate proprietary lock-in, supporting NFS, SMB and S3
DATA PROTECTION FROM HARDWARE FAILURE AND CORRUPTION	Supports RAID 5/6 and self-healing, auto data corruption recovery
HIGH-SPEED ETHERNET CONNECTIVITY	8 configurable Ethernet ports, dual 10Gbps with IPMI, dual 100G, multiple high-speed NIC options

BRYCK FXR Front View

LENGTH 13.875" | WIDTH 9" | HEIGHT 21.75"

Self-Healing	Automatic fault detection Auto data corruption recovery High availability operations
Integrated GPU Capabilities	NVIDIA GPU acceleration Full OS & software stack support On-device model training & inferencing
Cloud Integration	AWS S3 Support Azure & Google Object Private Cloud Storage

ENVIRONMENTAL SPECIFICATIONS

COMPLIANCE REGULATIONS

OPERATING TEMPERATURE
0°C–40°C / 32°F–104°F

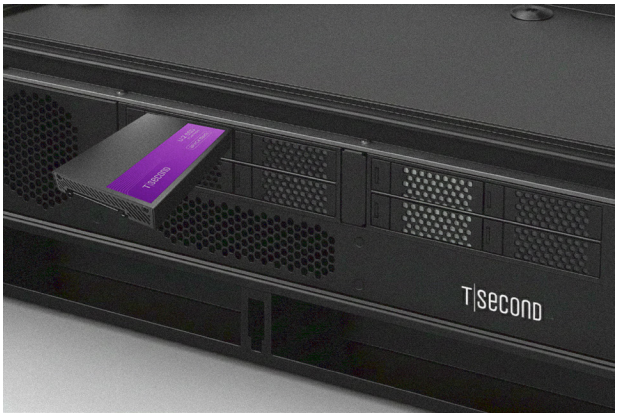
NON-OPERATING TEMPERATURE
-20°C–70°C / -4°F–158°F

OPERATING SYSTEMS SUPPORTED: **UBUNTU, RED HAT LINUX, WINDOWS SERVER**

INTEGRATIONS

BRYCK FXR can work with the BRYCK Block, likely utilizing it for high-performance, straight-up NVMe SSD storage expansion or integration within its ecosystem of edge and core systems compatibility

BRYCK Block Features		
Upto 128TB Storage Capacity	Fault-tolerant U.2 SSD	Plug-and-Play Storage Boost



Integration with BRYCK Block