

The Most Computing Power Available Today In Any Carry-On Tactical Data Center

Factors that effect how you respond to threat, intelligence events, and fast-moving big data in remote locations: *mobility or SWaP, flexibility, computing power, and rapid on-site deployment*. With FabricXpress™ BLOX (FX-BLOX), these essential requirements are met in a small & dense package, with a simple hyper-converged infrastructure (HCI) management tool set.



THE COMPUTING POWER OF A DATA CENTER IN A COMMERCIAL CARRY-ON

HIGHLIGHTS

MINIMAL FOOTPRINT REQUIRED

A single FX-BLOX holds up to 650 TB of NVMe SSDs. Network four FX-BLOX for a 24-node cluster in the ¼ of the space of normal rack. Bring the power of the data center with you in a commercial carry-on!

MAXIMUM COMPUTING POWER

Never trade compute for storage. Attack threats with bigger processors and storage. Small enough for your tactical mission, powerful enough to bring your data center along.

MODULAR FLEXIBILITY

Achieve the mission with the right tool set—we design and build based on your requirements. Fit the maximum capacity and compute required for the mission at hand.

RAPID ON-SITE DEPLOYMENT

Deploy, tap-in, and defend. Capable of transporting and accessing networks faster—and delivering IOPs in the millions means creating the ability to act on site—where ever the data resides.

MEET YOUR DATA WHERE EVER IT IS

When you need a data center in a remote location and the data you have is valuable, arm your team with FX-BLOX—the mobile solution that provides:

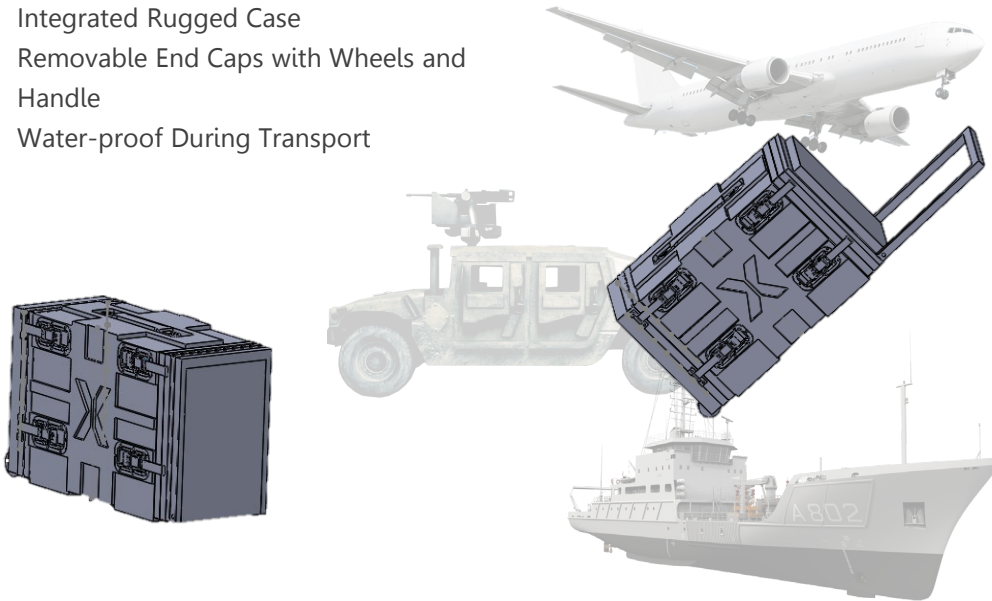
- Rapid Ingest to Handle Fast-Moving Complex Data Sets at the Edge
- Massive Capacity to Aggregate Large Pools of Data at the Source
- Large Compute to Quickly Turn Data Streams into Actionable Intelligence
- Enable Artificial Intelligence & Machine Learning in the Field

ARM YOUR TEAM

- Sensor Fusion Cells
- Cyber Protection Teams
- Forward Operating Bases
- Network Communications
- Deployable Intelligence Units
- Mobile/Tactical Command Posts

Portable:

- TSA Carry-on size
- Integrated Rugged Case
- Removable End Caps with Wheels and Handle
- Water-proof During Transport

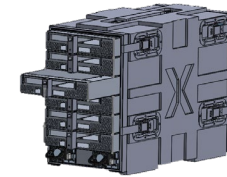


Up to 6 Configurable Modules with Endless Options of:

- CPU
- GPU
- NVMe Flash
- RAM
- Specialty PCIe Cards (Like FPGA, GPS, etc...)

Includes:

- Field-Replaceable Units
- Simplified Spare Kits



Scale Internally



Scale Externally

Enterprise-Grade

- High Availability/Reliability
- Managed Failover
 - Redundancy
 - Hot Swap
 - High Quality Components

High-Performance Profile

- > 20M IOPS
- > 240 GB Transfer Rate
- < 50 Microseconds Latency
- Multiple 100 GbE Full Line Rate Ingest
- Integrated Wired or Wireless Networking

Computing Power

- Optimization Options Scale up to:
- 336 Cores (672 logical cores)
 - 12 TB RAM
 - 650 TB NVME Flash Storage
 - 6 Full-Size GPUs

Operating System

- Windows
- Linux

Hypervisors

- Microsoft Hyper-V
- VMware ESXi
- KVM

Hyper-Converged Infrastructure (HCI) Certifications

- Microsoft Azure Stack HCI
- Microsoft WSSD
- VMware vSAN