

Deployable
FabricXpress™
FX-1000P

FLY ANYWHERE
WITH A HIGH PERFORMANCE DATA CENTER

MOBILE

Packaging designed for transport/mobile operations. Low size, weight and power.

FLEXIBLE

Six modular slots for any mix of Flash Storage, CPU, or GPU. Easily upgrade, expand, or reconfigure.

POWERFUL

Converged compute, storage and memory in a 2U format with up to 88 CPU cores, 460 TB* storage, 2 TB RAM.

LIGHTNING FAST

NVMe/PCIe architecture dramatically accelerates storage access, throughput, & compute speeds.

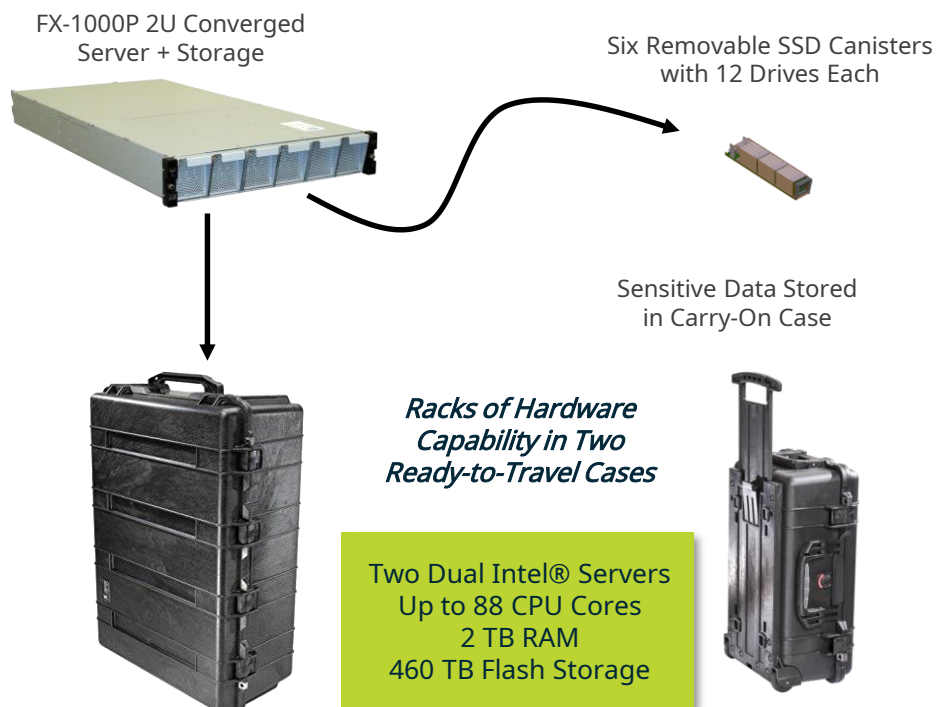
SUPPORTS ADVANCED APPLICATIONS

- ✓ Packet Capture & Inspection
- ✓ Network Anomaly Monitoring
- ✓ Streaming Data Analytics
- ✓ Multi-Sensor Fusion

BIG DATA IN A SMALL PACKAGE

The deployable FabricXpress, FX-1000P provides an entire data center of computing and storage in a dense 2U design that can accompany rapid response IT teams on commercial aircraft. Now mobile missions that support collection and analysis of critical information can take the power of the world’s most advanced converged system anywhere, anytime. Each small, lightweight 2U platform contains two dual Intel servers with up to 88 cores, 2 TB RAM, 460 TB of all-flash storage, and 4x100 GbE network connectivity.

The complete system is easily packed into two cases to meet airline baggage policies. The smaller carry-on case contains the removable SSDs which allows for secure control of sensitive or classified data. The larger case contains the main server chassis and weighs under the 100 lb commercial air weight limit for checked luggage. Equipment can be reassembled and operational in minutes.



PERFECT FOR CYBER PROTECTION TEAMS, REAL-TIME INTELLIGENCE, AND TACTICAL EDGE COMPUTING

POWERED BY THE FABRICXPRESS PLATFORM

The FabricXpress platform is AXELLIO's implementation of flash-optimized NVMe protocols (non-volatile memory express) over a PCIe bus (peripheral component interconnect express). This high speed backplane enables unprecedented speeds between connected devices. Combined with two dual Intel® server modules and dual-ported NVMe solid state drives, a fully-loaded FabricXpress Platform is capable of:

- ✓ 12 million IOPs
- ✓ 60 gigabyte transfer rates
- ✓ 50 microseconds of latency



**BRING THE WORLD'S MOST POWERFUL 2U SUPER
SERVER WITH YOU ANYWHERE**

TECHNICAL SPECIFICATIONS

Configuration Options	Each system includes two server modules, specifications listed are per appliance			
Compute**	CPU: 4 x Intel E5-2620v4 32 cores/64 threads @ 2.1GHz	CPU: 4 x Intel E5-2650v4 48 cores/96 threads @ 2.2GHz	CPU: 4 x Intel E5-2667v4 32 cores/64 threads @ 3.2GHz	CPU: 4 x Intel E5-2699v4 88 cores/176 threads @ 2.2GHz
Memory	32GB to 2TB RAM			
Network Connections	4x10 GbE or 4x40 GbE or 4x100 GbE			
Storage Capability	1- 6 FlashPacs Each FlashPac holds up to 12 Dual Ported NVMe SSDs (800, 1600, 3200 or 6400 GB)* Total capacity: 9.6TB - 460TB* I/O performance capacity: Over 60GB/s transfer rate, 12M+IOPS, fully populated Storage Capability, share between server modules			
Form Factor	2U (H 3.5" x W 17.25" x L 36.5")			
System Cooling	7x60mm dual stage counter rotating heavy duty fans with PWM fan speed controls			
Power Supplies	80 PLUS TITANIUM Grade Dual Redundant Power Supplies @100-120v: Dual 1100W Out @100-120V, 15A + Dual 1000W Out @100-120V, 10.5-12.5A, 50-60Hz @230-240v: Dual 1500W Out @230-240V, 11A, + Dual 2000W Out @230-240V, 9.8-10.0A, 50-60Hz			