



EBOF Storage Platforms

OTAON K10-202M



Max drives per unit:
24



Max capacity per unit:
Up to **1474.56TB**
(24 x 61.44TB)



Form factor:
2U
Short chassis depth, < 28"



Workloads

AI inferencing & analytics

HPC workloads

Cloud solutions

Features

- Up to **1474.56TB¹** of low latency dual-port SSDs in **2U** 24-bay platform
- RDMA over Converged Ethernet (RoCE) or Transmission Control Protocol (TCP) connectivity
- Bandwidth match between PCIe Gen4 SSDs (storage) and I/O (network) – no oversubscription
- RESTful API support for simplified management
- N+2 fan redundancy eliminates the need for hot-swappable fan modules
- Connect directly to an Ethernet NIC in your host or through an Ethernet switch
- Device sharing optional configuration utilizes NVMe Non-Transparent Bridging to allow all Ethernet ports to access any SSD
- Industry-leading 5-year limited warranty

Flexibility of choice

Supports single or dual port SSDs, RoCE and TCP protocols, and SSD's from multiple vendors.

Unburden infrastructure

With performance comparable to direct-attached storage, your infrastructure stays agile and responsive – reducing overprovisioning while maximizing value and efficiency.

Modern, high-performance storage

Fuelling the next era of innovation and transforming how data powers discovery, intelligence, and performance across critical industries.

This storage platforms is available in both non-high availability and high availability models. The non-high availability models offer PCIe Gen4x4 connections to each SSD for optimal single-drive performance in environments whereas the other models offer dual Gen4x2 connections to each SSD for active failover of host I/O to each SSD.

EBOF storage use cases

- Enables ultra-fast data access and seamless fabric connectivity to power high-performance inferencing and real-time analytics at scale.
- Accelerates performance and provides high throughput to run the most demanding HPC applications.
- Simplifies deployments and provides shared access in multi-tenant environments where scalability, efficiency, and rapid data access are critical.

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Specifications	
Form factor	2U
Front drive bays	Up to 24 x U.2 NVMe SSDs
Power supply	2x 800W Titanium 100-240VAC, CRPS, Hot Plug
Fabric adapter slots	12x 100 GbE ports
Fabric adapter(s)	RapidFlex A2000 NVMe-oF Fabric Bridge ASICs
Cabling	Passive (1m - 5m) and Active Optical (5m - 20m)
Platform management	ARM-based BMC
Rear I/O	1G-BASE-T management port (RJ-45)
HA redundancy	Dual IOMs, PSUs, and N+2 fans
Environmental	10°C - 35°C
Chasis dimensions	Height: 87.63 mm / 3.45 in Width: 448.05 mm / 17.64 in Depth: 711.2 mm / 28 in
Weight	Maximum 18.25 kg / 40.2 lbs
Warranty	5-year limited warranty
Specification: RoCE	
Random Read (4kB)	24.67 MIOPs
Random Write (4kB)	13.52 MIOPs
Sequential Read (32kB)	129.34 GB/s
Sequential Write (128kB)	104.69 GB/s
Average Random Read Latency (4kB)	71.2 µs
Average Random Write Latency (4kB)	18.3 µs