



Hybrid Storage Platform OTAON K10-400X



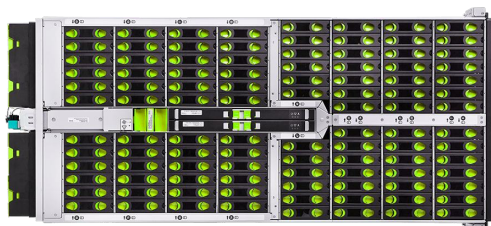
Max capacity per unit:

Up to **3.26PB**
(102 x 32 SMR TB, 3.5 SAS SATA)



Expansion:

Up to **4 units** may be daisy-chained
for a total raw capacity of **13.05PB**



Workloads

Cloud solutions

HPC workloads

Scalable infrastructure

Designed for high density and flexibility

The Hybrid Storage Platform is a key element of the next-generation disaggregated storage and software-defined storage (SDS) systems, delivering high density and flexibility to balance performance with cost. The Hybrid Storage Platform provides up to 1.92PB¹ of raw storage² in a compact and efficient form factor. The drives ensure cool running, quiet operation, and high reliability.

Designed for the enterprise and the cloud

This platform addresses the demanding storage needs of large enterprise customers, storage OEMs, and cloud service providers that require dense shared HDD storage. The Hybrid Storage Platform provides the flexibility to specify the HDD combinations to balance capacity, performance and cost.

JBOD storage use cases

- Hot cloud storage simplifies operations, reduces total cost of ownership, and improves long term reliability.
- HPC-driven data analytics provides flexibility across diverse workloads.
- Built to scale as data needs grow, the scalable shared storage solution delivers massive capacity in a mirrored, high-availability configuration.

Features

- Up to **102 HDDs (SAS or SATA)**
- Up to **3.26PB¹** of raw storage² in **4U**
- Up to **4 units** may be daisy-chained for a total raw capacity of **13.05PB¹**
- Patented **IsoVibe** technology ensures maximum performance even in heavy workloads
- Improved cooling from innovative **ArcticFlow** technology
- Choose **dual-port SAS** for high availability or **single-port SATA** for low cost
- Up to **12 x 12Gb/s SAS-3** host connections
- Enterprise-grade **redundant** and **hot-swappable PSUs, I/O Modules, and fans**
- Rack-mounted **top cover** for quick and easy service

Hybrid Storage Platform

OTAON K10-400X



Drive exponential data growth with up to 3.26PB of scalable storage



Massive capacity for the AI era



Save on energy & improve reliability



ArticFlow thermal cooling technology keeps drives at lower temperatures

Specifications

Max. drives	102 x 3.5 in drive bays
Drive interface	12Gb/s SAS 6Gb/s SATA
Available drive capacities	HDD up to 26TB CMR or 32TB SMR SSD up to 3.84TB ³
Host interface	Dual redundant I/O modules (IOM) 6 Mini-SAS HD ports per IOM
LED indicators	Front/Rear: power, ID, fault Drive: Activity, Fault
Physical dimensions	Height: 174.5 mm / 6.87 in Width: 447.0 mm / 17.60 in Depth: 1044.2 mm / 41.11 in Depth with CMA: 1191 mm / 46.89 in
Weight	Product without drives: 47 kg / 103.6 lbs Product with 102 HDDs: 121.02 kg / 266.8 lbs
Management	SCSI enclosure services Redfish (out of band, via RJ45)
Power	Platinum: Dual 200-240V AC, 1600W, 1800W Titanium: Dual 200-240V AC, 1600W
Cooling	4 main enclosure fans, front-to-rear system cooling with zero-loss backflow prevention 1 IO module fan Dual PSUs with built-in fans
Environmental	Operating emperature: 5°C to 35°C Non-op temperature: -40 to 70°C Humidity: 5 to 85% relative humidity Operating altitude: -300m to 3048m / -984 ft to 10,000 ft Sound power: < 7.2Bels @ 23±2°C
Serviceability	Cable-free hot-swappable IOM, power supply, fans, and drives
Warranty	5-year limited warranty

Learn more at www.kerno.ae. All specifications are subject to change without notice. Please visit our website for the latest information.

¹ One terabyte (TB) is equal to one trillion bytes and one petabyte (PB) is equal to 1,000 TB. Actual user capacity may be less due to operating environment.

² Hybrid Storage Platform total raw capacity of 2.65PB using 26TB CMR HDDs and 3.26PB using 32TB SMR HDDs.

³ Hybrid Storage Platform supports third-party device features that are within SAS specification as mandatory. Any third-party drive features that are vendor specific are not guaranteed to function.