

# Software-Defined Storage Solutions

Seagate® enterprise storage systems with the OSNEXUS QuantaStor storage platform provides unified block, file, and object storage with scale-out and scale-up architecture options to serve a broad spectrum of workloads.

All bundle configurations include OSNEXUS QuantaStor with a three-year Gold subscription non-locking license for the capacity of the bundle.

**Choose from three available bundles to meet your needs.**

# 1

## BUNDLE 1: High Performance NAS/SAN Storage System

Ideal for mission critical use cases including databases, virtualization, transcoding, media editing, and more, bundle 1 includes OSNEXUS QuantaStor on the highly available Seagate Exos® AP 2U24 all-flash system with dual server controllers.

# 2

## BUNDLE 2: High Density Hybrid Flash Plus HDD NAS/SAN Storage System

Optimal for media asset management, unstructured data, backups, archive, research data, and general NAS use cases, bundle 2 includes OSNEXUS QuantaStor on the highly available Seagate Exos AP 5U84 hybrid system with dual server controllers.

# 3

## BUNDLE 3: Two-Node Building Block for Scale-Out and Rack-Scale Hybrid Flash and HDD Storage

The third bundle provides scale-out file and object storage clusters that deliver both standard protocol access (S3, NFS, SMB) and native direct filesystem access for HPC and other high-performance use cases. A minimum of four nodes are required per scale-out cluster, with six or more nodes recommended.

Each two-node building block bundle includes a Seagate Exos AP 2U24 high density 24-bay storage array with integrated dual AMD servers and two Seagate Exos CORVAULT™ data protected HDD direct attached arrays (each with 1.91PB raw capacity).



## Seagate Exos CORVAULT

Self-healing, mass capacity block storage designed to deliver hyperscale efficiencies, rapid deployment, and streamlined data orchestration that delivers value, performance, and data protection.



## Seagate Exos AP 2U24

High performance all-flash array with integrated dual AMD servers, the Exos AP 2U24 provides the dual HA servers with high performance 100GbE networking for the OSNEXUS QuantaStor software defined storage and high performance SSD storage for metadata storage.



## Seagate Exos AP 5U84

High performance hybrid flash and disk array with integrated dual AMD servers, the Exos AP 5U84 provides the dual HA servers with high performance 100GbE networking for the OSNEXUS QuantaStor software defined storage and hybrid high performance SSD storage for metadata storage and high-density disk storage all in a single 5U form factor.



## OSNEXUS QuantaStor

QuantaStor addresses the complexity of managing multiple storage clusters across sites with its unique Storage Grid technology, making it easy to combine systems and clusters into a single federated control plane to manage all systems across all sites as one.

**Industries:**


Media and Entertainment



Energy and Utilities



Financial Services



Law Enforcement



Education



Government



Life Sciences

**Use Cases**


High-Performance Computing



Big Data Analytics



Backup and Archive



Disaster Recovery



Virtualization

**Features/Benefits**

- Supports unified file, block, and object storage.
- Unified management across systems with Storage Grid technology.
- Extensive security features including Active Directory integration, SSO, and FIPS 140-2 certification.
- Scale-up and scale-out storage architecture options to fit the needs of a broad spectrum of workloads.

**Ready to Learn More?**

 See <http://www.osnexus.com/seagate> or [Talk to a Seagate Expert](#)

 See <https://www.seagate.com/products/storage/data-storage-systems/>

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