Innovative Storage Solutions for Modern Hybrid-Cloud IT

High-Performance All-Flash Solutions for Mission-Critical Workloads

Seagate + OSNexus scale-up all-flash integrated storage server solutions are ideal for mission-critical use cases, including databases, virtualization, VDI, transcoding, and media editing. These solutions are built on the Seagate Exos® AP 2U24 integrated storage and compute platform with dual-controllers for high-availability and Exos E Storage Expansion from Seagate.
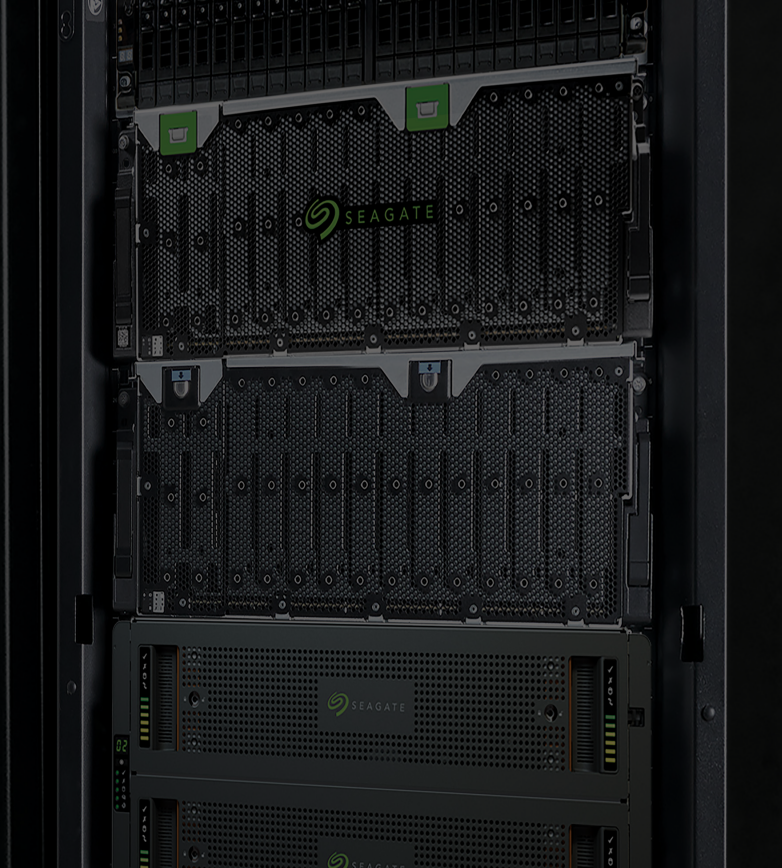
Common Use Cases

- High-performance storage for server virtualization (VMware ESXi, Hyper-V, and XenServer)

- High-performance storage for VDI

- High-performance storage for database and OLTP storage

- High-performance storage for media editing and playback

Simplify Storage Management with Storage Grid Technology

The Seagate-integrated QuantaStor solution incorporates storage grid technology, enabling users to combine appliances across public and private clouds and manage everything as one. This simplifies storage management at scale without needing extra software.

Unified File and Block Storage

With full support for NFS v3 and v4, SMB v2 and v3, iSCSI, and NVMeoF, the Seagate + OSNexus system provides a versatile platform for meeting the requirements of diverse workloads. All storage is thin-provisioned, so file or block storage can be allocated from the same pool without needing to pre-reserve space for snapshots. Plus, features like immutability (WORM) and immutable snapshots protect against ransomware and other cyber attacks.

High Performance

This solution provides over 250K IOPS with 24x SSDs and 500K IOPS with 48x SSDs. These systems come with the Seagate-integrated QuantaStor storage platform, including three or five years of global 24/7 Gold Support. Systems easily expand to over 1PB per cluster with additional Exos E 2U24 & 5U84 expansion units.

Secure

Advanced security features include end-to-end encryption, immutable snapshots, file immutability/WORM support, advanced RBAC capabilities, KMIP integration, MFA/2FA, SSO, and compliance to major security standards, including NIST 800-53/171, FIPS 140-2, GDPR, HIPAA, and CIJS.

Unified 24×7 Global Support

All systems include global 24×7 support provided by a unified OSNexus and Seagate support team, ensuring both hardware and software related escalations are handled through a single support desk for fast, efficient assistance pre/post-deployment.

Recommended Products

- Seagate Exos AP 2U24 All Flash Integrated Storage Server
- Seagate Exos E Storage Expansion
- OSNexus QuantaStor