Faster, Easier, More Resilient Than Ever.

Cutting edge storage performance and data protection.

Discover a better way to scale your enterprise and safeguard critical data with Seagate® Systems. Our innovative and easily integrated hardware and software products create a seamless experience for any company that wants its data to be installed, operated, and protected with ease. Available with maximum capacity, unparalleled performance, self-healing technology,and built to support future drive innovation with state-of-the-art, cost-optimized, environmentally-friendly architecture.

Product Summary

Key Features	Corvault	Exos X	Exos AP	Exos E
Purpose	Mass Storage Array	Advanced Storage Array	Host Compute With Mass Storage	Expansion Storage JBOD
Resiliency	ADAPT/ADR	ADAPT/ADR	–	Follows Master
Form Factor	4U, 106 Drives	2U, 12 Drives 2U, 24 Drives 5U, 84 Drives	2U, 12 Drives 2U, 24 Drives 5U, 84 Drives	2U, 12 Drives 2U, 24 Drives 4U, 106 Drives 5U, 84 Drives
Capacity	2.12 PB	Up to 6.72 PB	Up to 6.72 PB	Up to 1.68 PB Per Enclosure
Drives	Includes 106 20TB LFF HDD	LFF/SFF HDD/SSD	LFF/SFF HDD/SSD	LFF/SFF HDD/SSD
Storage Interface	12G SAS	32/16Gb FC 25/10GbE iSCSI 10GBASE-T Auto to 1Gb 12Gb SAS	12G SAS	12G SAS
Array Data Protection	Seagate, ADAPT, Raid 1, 5, 6,10	Seagate ADAPT, RAID 0, 1, 5, 6, 10	–	Follows Master
Software Value	Linear Storage Target	Virtual pools, Thin provisioning, SSD read cache, Encryption, Auto-Tiering, Snapshots, Asynchronous Replication	–	Follows Master
Controllers and Modules	Dual Controllers Dual Modules	Dual Controllers Dual Modules	Dual Controllers Dual Modules	Dual Controllers Dual Modules
Compliance	Global	Global	Global	Global
Warranty	3-Year	3-Year	3-Year	3-Year

Meet the Family

Seagate Exos® CORVAULT™

is a petabyte-scale, rack-mounted 4U block storage system that aggregates 106 (20TB) drives totaling 2.1 PB of storage. CORVAULT includes Seagate's innovative self-healing storage technology. Purpose-built for always-on availability for applications that require massive capacity, performance, and resiliency.

Seagate® Exos® X

is an advanced storage array that is petabytescale, rack-mounted block storage with builtin self-healing technology, advanced data protection, and software value that aggregates drives in a single enclosure and up to 336 drives across multiple enclosures. Value-rich 2U and 5U solutions for applications that require capacity, versatility performance, and low latency.

Seagate Exos E

rack mount storage expansion enclosures seamlessly connect a 2U form factor with either 12 or 24 drives, a 4U form factor with 106 drives, or a 5U form factor with 84 drives with scalable capacity up to 336 drives.
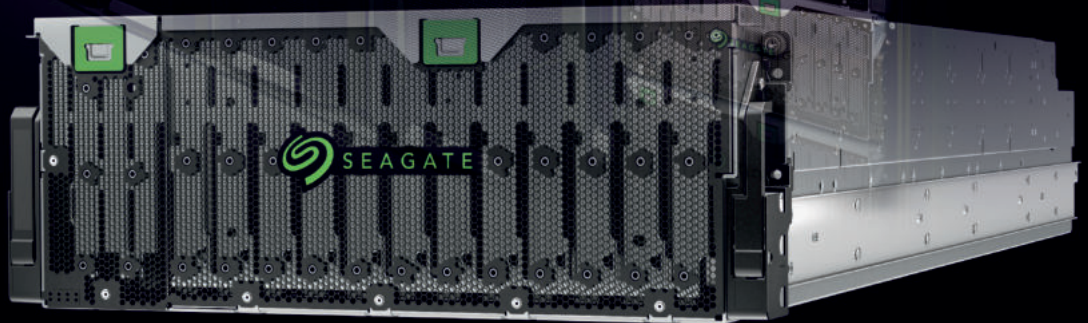
Seagate Exos AP

delivers high-performance computing and cutting-edge storage in a single system, expandable with multiple enclosures up to 336 drives. Supports industry-standard management tools and computing structures.

EXOS™ CORVAULT™

SEAGATE

EXOS CORVAULT

Autonomously Healing Petabytes

Exos CORVAULT is a high performance, self-healing block storage system that delivers multi-petabyte capacity, five-nines reliability, and hyperscale efficiencies for data center and macro edge environments. Utilizing Seagate's Autonomous Drive Regeneration technology, hard drives are automatically renewed to reduce human intervention and e-waste while redundant active-active controllers and ADAPT erasure code data protection streamline overhead, throughput, management, and recovery.

Best-Fit Applications

- Backup, archive, content/log file repository
- Private cloud and MSP infrastructure
- Edge and surveillance storage

| **106** DISKS 4U CHASSIS | SUPPORTS **FIPS 140-3** | **14GB/s** READ **12GB/s** WRITE | **STORES** PETABYTES |

EXOS™ CORVAULT™

SEAGATE

Built for set-and-forget mass storage management.

While data creation is growing exponentially, IT teams and budgets are not. That's why we built CORVAULT. As a set-and-forget solution, drive swaps are a thing of the past. The system heals itself on the fly thanks to Seagate Autonomous Drive Regeneration (ADR). That means fewer opportunities for human error and more cost savings.

Feature	Benefit
Autonomously healing system	• Autonomous Drive Regeneration (ADR) minimizes downtime, human intervention, and e-waste by renewing errant drives "in-situ"
Five Nines Availability	• 99.999*% availability delivers reliable performance
Hyperscale efficiency	• 4U rack mount enclosure contains 106 Seagate Exos X SAS hard drives for maximum density. • Latest hard drive technologies maximize capacity per slot. • With multiple host support, your data is sharable across multiple networks and applications to eliminate data silos
High performance	• Fast response, low latency, and quicker time to insights** • 12Gb/s HD-Mini SAS interface, sequential read/write up to 14Gb/s and 12Gb/s. IOPS up to 17,680
Seagate ADAPT erasure coding	• Declustered parity spans all drives in the pool for less capacity overhead, better performance, and fast rebuilds
Seagate VelosCT™ ASIC-based architecture	• 6th gen VelosCT powers fully redundant, hot-swappable, active-active dual controllers • Purpose-built and tightly-integrated for highly-compatible and predictable performance
Modular chassis with power conditioning, optimal cooling and isolation from vibration and noise	• Enables peak drive performance and longevity by protecting against vibrational and acoustic interference, excess heat, and external power irregularities • Redundant, conditioned power ensures consistent and efficient noise-free power with highly responsive burst capacity • Hot-swappable drives, power supplies, controllers, and fans ensure uninterrupted performance during service
Integrated web-based device and data management console	• Powerful onboard management accessible via web GUI or CLI provides one-button configuration for fast and easy deployment • Featuring remote diagnostics, non-disruptive updates
Seagate Secure™	• All included HDDs are self-encrypting (SED) for maximum security without controller-level overhead • SFTP support for secure file transfer • Optional FIPS 140-3 configuration

Designed for Extreme Data Services

Discover the newest generation of performance and data protection.

The Seagate® Exos® X advanced storage array is a petabyte-scalable, rackmounted block storage system with data protection options and advanced features that aggregates 12 to 336 drives across multiple enclosures. A value-rich solution for applications that require massive capacity, performance, resiliency, and redundancy along with advanced features including self-healing storage, data protection options, and a full enterprise software stack, offering virtual pools, thin provisioning, SSD caching, encryption, auto-tiering, snapshots and asynchronous replication. All powered by Seagate's VelosCT™ ASIC based architecture.

Enterprises of all sizes — from small businesses to multisite organisations — can leverage the Seagate line of storage systems and expansion to streamline operations and management while accelerating productivity and saving space. Get data to your applications at lightning speed and safeguard critical data with state-of-the-art, cost-optimised, environmentally friendly architecture

Meet the Family

The **Seagate Exos X 2U12 advanced storage array** delivers advanced data protection for smaller deployments.

The **Seagate Exos X 2U24 advanced storage array** is the datasphere's favourite mid-sized performance-oriented storage array, delivering superior enterprise-level value.

The **Seagate Exos X 5U84 advanced storage array** is the datasphere's ultra-dense solution for maximum capacity, performance, reliability, and effortless management and administration.

EXOS™

SEAGATE

Compare Solutions

	Exos X 2U12	Exos X 2U24	Exos X 5U84
Controllers per system	Two 4006 Series RAID Controllers per system enclosure		
Host I/O Interface	Four 25G iSCSI SFP+ ports or four 32G FC ports or four 10GBASE-T ports or four 12G SAS ports		
Management Interface	One 10/100/1000 Ethernet and two Micro USB per controller		
TB Per Chassis	Varies with drives used		
Expansion	Up to 10 enclosures, including the master 120 Drives Max	Up to 10 enclosures including the master 240 Drives Max	Up to 10 enclosures including the master 336 Drives Max

EBM

everything is possible

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