SEAGATE

The Enterprise Series

EXOS™ ENTERPRISE

NYTRO™ ENTERPRISE

	Exos™ X	Exos E	
Key Benefits	**Highest Capacity** Flagship enterprise hard drives offering the latest technology with the greatest efficiencies and highest storage densities.	**Broadest Range of Capabilities** Enterprise mainstream hard drives offer superior value and data centre dependability.	
Models	Exos X16	3.5": Exos 7E8, Exos 7E2	2.5": Exos 7E2000, Exos 10E2400, Exos 10E300, Exos 15E900
Applications	Hyperscale Applications, Data Centres, RAID Storage, Distributed File Systems, Enterprise Servers, Centralised Surveillance	Hyperscale Applications, Data Centres, RAID Storage, Distributed File Systems, Enterprise Servers, Centralised Surveillance	Enterprise Servers, Transaction-based Applications, Data Centres, Compliance and Data Security Initiatives
Capacity	Up to 16TB	Up to 8TB	Up to 2.4TB
Usage	24x7	24x7	24x7
MTBF (hours)	2.5M hrs	Up to 2M hrs	2M hrs
Performance	Up to 261MB/s	Up to 249MB/s	Up to 315MB/s
Technology Enablers	Helium-Sealed Drive Design, PowerBalance™, PowerChoice™, RAID Rebuild®, Advance Write Cache	PowerBalance™, PowerChoice™, Advance Write Cache	PowerChoice™, RAID Rebuild® , Format 4K/512, Advance Write Cache
Built-in Data Protection	Seagate Secure™	Seagate Secure™, Instant Secure Erase	Seagate Secure™, Instant Secure Erase
Limited Warranty	5 Years	Up to 5 Years	5 Years

	Nytro 3031 SAS SSD Series	Nytro 1000 SATA SSD Series
Key Benefits	Enterprise performance and reliability	More computing, better value
Ideal for	Mission-critical enterprise applications	Cloud; web servers; boot applications
Interface	SAS Dual Port 12 Gb/s	SATA 6 Gb/s
Capacity	400 GB to 15 TB	240 GB to 3.84 TB
Form factor	2.5-in	2.5-in
Endurance	Up to 10 DWPD	Up to 3 DWPD
Performance	Up to 2.2 GB/s, up to 240K IOPS	Up to 560 MB/s, up to 98K IOPS
Security	SED and FIPS models available	SED models available
Limited warranty	5 Years	5 Years

Hyperscale Efficiency, Lowest TCO

The Seagate® Exos® X class of enterprise hard drives are designed for hyperscale efficiency and ever-evolving security mandates. Rely on Exos X for maximum capacity, density, scalability, power efficiency and security. Exos X uses the latest nanoscale technology to further deliver foundational capabilities for the rapidly-evolving cloud and large-scale data centre architectures. Innovative technology advancements like helium, PowerBalance™, PowerChoice™, Seagate Secure™, and Seagate RAID Rebuild® provide improved TCO.

5-YR LIMITED WARRANTY

2.5 M HOUR MTBF

He HELIUM SEALED DRIVE

SEAGATE **SECURE**

Best-Fit Applications

- Hyperscale applications/cloud data centres
- Massive scale-out data centres
- High-capacity density RAID storage
- Mainstream enterprise external storage arrays
- Enterprise NAS systems
- Distributed file systems, including Hadoop and Ceph
- Enterprise backup and restore — D2D, virtual tape
- Centralised surveillance

Scalable. Responsive. Innovative.

Features	Exos® X16	Comp.
4K RR/RW (IOPS)	170/440	170/421
Max SDR (MB/s)	261	267
Power (W) Idle	5	5.7
RR 4KQ16 Operating Power (W)	10[1]	8.7[2]
Weight (g)	670	690
MTBF (hours)	2.5 M	2.5 M

[1] 9-disk
[2] 8-disk

The Seagate Advantage
Exos X Enterprise Drives

Best-in-Class Enterprise Features

- FastFormat™
- Enhanced Caching
- PowerChoice™ and PowerBalance™

SEAGATE **SECURE**

Delivers peace of mind with diverse set of security options

Store up to 17 PB of data in a single 42U rack for scalable storage infrastructure and low TCO

The Most Versatile High-Capacity Drives in the Datasphere.

The Seagate® Exos™ E class of enterprise hard drives deliver the massive capacity to realize the power of the datasphere. With exceptional storage densities, efficiency and value for demanding 24x7 operations, Exos E hard drives enable data center architects and IT professionals to deliver trusted performance, rock-solid reliability and ironclad security. Purpose-built for a multitude of enterprise applications and workloads, Exos E drives improve storage tiering and maximize storage efficiency.

5-YR LIMITED WARRANTY

POWER CHOICE™

SEAGATE SECURE™

Best-Fit Applications

7E8 & 7E2

7E2000

- Hyperscale applications/cloud data centers
- Massive scale-out data centers
- Mainstream enterprise external storage arrays (SAN, NAS, DAS)

- Storage-hungry business applications
- Hyper-converged infrastructures

Features	7E8	7E2	7E2000
Form Factor	3.5 inch	3.5 inch	2.5 inch
Ideal For	Cloud and data center	Mainstream legacy	Enterprise-class boot drives; blade and dense servers
Interface	SAS Dual Port 12Gb/s, SATA 6Gb/s	SATA 6Gb/s	SAS Dual Port 12Gb/s, SATA 6Gb/s
Capacity	Up to 8TB	1TB, 2TB	1TB, 2TB
Security	Seagate Secure™ SD&D, SED and FIPS models available	Seagate Secure SD&D	Seagate Secure SD&D, SED and FIPS models available
Format	512n, 512e, 4Kn	512n	512n, 512e, 4Kn
Workload Rating	550TB/year	550TB/year	550TB/year
Limited Warranty	5 years	5 years	5 years

EXOS™ ENTERPRISE

The Most Versatile High-Capacity Drives in the Datasphere.

The Seagate® Exos™ E class of enterprise hard drives deliver the superior performance to realize the power of the datasphere. With exceptional storage densities, efficiency and value for demanding 24×7 operations, Exos E mission-critical hard drives enable data center architects and IT professionals to deliver trusted performance, rock-solid reliability and ironclad security.

5-YR LIMITED WARRANTY | **TURBO™ BOOST** | **2M HOUR MTBF** | **ENHANCED CACHING** | **SEAGATE SECURE**

10E2400 – The Datasphere's Largest 10K Hard Drive

Best-Fit Applications

- High-performance, mission-critical enterprise servers requiring 24×7 availability
- Transaction-based applications, like OLTP, databases, HPC and big data analytics
- Power- and space-constrained data centers
- Compliance and data security initiatives

Features	Exos 10E2400	Enterprise Performance 10K HDD	Comp. A	Comp. B
Capacity	600GB, 1.2TB, 1.8TB, 2.4TB	600GB, 900GB, 1.2TB, 1.8TB	300GB, 450GB, 600GB, 900GB, 1.2TB, 1.8TB	300GB, 450GB, 600GB, 900GB, 1.2TB, 1.8TB
Format	512n 4Kn, 512e	512n, 4Kn, 512e	512n, 4Kn, 512e	512n, 4Kn, 512e
RW/RR IOPS 512n (Adv Format)	270/297 (580/283)	260/270 (360/280)	260/290 (520/280)	250/290
Max SDR MiB/sec 512n (Adv Format)	250 (266)	204 (228)	211 (237)	196
RR 4KQ16 Operating Power	8.57W	7.80W	7.81W	7.95W

The Seagate Advantage
Exos 10E2400 Hard Drives

IOPS 512n
Real-World Workload

STX	Comp.
220	140

IOPS 4Kn
Real-World Workload

STX	Comp.
560	290

Up to 2× Faster Performance than competitive 1.8TB hard drive

15E900 –
The Datasphere's Fastest Hard Drive

Features	Exos 15E900	Enterprise Performance 15K HDD	Comp. A	Comp. B
Capacity	900GB, 600GB, 300GB	600GB, 450GB, 300GB	600GB, 450GB, 300GB	900GB, 600GB, 450GB, 300GB
Format	512n, 4Kn/512e	512n, 4Kn, 512e	512n, 4Kn, 512e	512n, 4Kn, 512e
RW/RR IOPS 512n (Adv Format)	720/400 (720/400)	360/390 (475/390)	330/400 (640/400)	TBD
Mixed WL IOPS (Adv Format)	825	290	180	TBD
Max SDR MiB/sec 512n (Adv Format)	285 (300)	229 (256)	238 (260)	259 (290)
RR 4KQ16 Operating Power	7.6W	8.68W	7.86W	8.26W

The
Seagate Advantage
Exos 15E900 Hard Drives

IOPS 512n		IOPS 4Kn		
Real-World Workload		Real-World Workload		
STX	Comp.	STX	Comp.	**TurboBoost®** with integrated NAND flash performs up to 3× faster
350	150	825	180	

Lightspeed. Solid. Impressive.

More Computing, Better Value

The Seagate® Nytro® 1000 SATA SSD is a cost-effective, enterprise-grade storage solution for data center and cloud server applications. The Nytro 1000 SATA SSD offers a consistent user experience by delivering sustained high-performance and signicantly improved quality of service.

Delivering Best-in-Class SSD Reliability

3D NAND

UP TO 560 MB/S

UP TO 94,000 IOPS

3 DWPD AND 1 DWPD

5-YR LIMITED WARRANTY

B-I-C DESIGN

Best-Fit Applications

- Public and private cloud
- Web servers
- Read-intensive applications
- Virtual desktop infrastructure
- Tiered storage analytics
- Databases (OLTP)

Features		Nytro® 1351 SSD	Comp. M	Comp. I
	Capacity	3840, 1920, 960, 480, 240	7680, 3840, 1920, 960, 480	3840, 1920, 960, 480, 240
	NAND Type	3D TLC	3D TLC	3D TLC
	Random Write Performance	Up to 55,000 IOPS	Up to 33,000 IOPS	Up to 33,000 IOPS
	Sequential Performance	Up to 560MB/s	Up to 540MB/s	Up to 500MB/s
	Active Average Power Consumption	Up to 3.2W	Up to 3.6W	Up to 5.6W
	Endurance DWPD (Drive Writes per Day)	1	1	1
	Limited Warranty	5 years	5 years	5 years

Features		Nytro® 1551 SSD	Comp. M	Comp. I
	Capacity	3840, 1920, 960, 480, 240	3840, 1920, 960	1920, 960, 480, 240
	NAND Type	3D TLC	3D TLC	3D TLC
	Random Write Performance	Up to 55,000 IOPS	Up to 32,000 IOPS	Up to 65,000 IOPS
	Sequential Performance	Up to 560MB/s	Up to 540MB/s	Up to 500MB/s
	Active Average Power Consumption	Up to 3.2W	Up to 3.6W	Up to 5.0W
	Endurance DWPD (Drive Writes per Day)	3	1.4 - 3	3
	Limited Warranty	5 years	5 years	5 years

The Seagate Advantage

Nytro 1000 SATA SSD

DURAWRITE

Increases performance and power efficiency with lossless data reduction

Up to 2.5x higher performance than competition

Tunable Capacity

Now you can optimize for performance and capacity needs

SEAGATE SECURE

Delivers peace of mind with diverse set of security options

Nytro 3031 SAS SSD

Lightspeed. Solid. Impressive.

Seagate's SAS SSD portfolio just got bigger. The Seagate® Nytro® SAS SSD models are TCO-lowering, ultrafast, and reliable. The various options easily t a range of applications. The fourth-generation, high-capacity SSDs deliver speedy performance that exceeds 12Gb/s SAS dual port bandwidth. Choose from a broad portfolio of storage solutions built for the ease of deployment and up to 2200MB/s and 10 DWPD.

Delivering Best-in-Class SSD Reliability

Comparing 1 DWPD (1.9TB) single port/dual port performance[1]

Features		Nytro® 3331	Comp. S	Comp. T
	Sequential Read Performance (MB/s)	1030/2084	1051/1546	1071/1478
	Sequential Write Performance (MB/s)	899/1447	997/1742	1057/1932
	Random Read Performance QD32/port (KIOPs)	180/182	222/234	180/188
	Random Write Performance QD32/port (KIOPs)	81/81	48/48	58/58
	Random 70/30 Performance QD32/port (KIOPs)	147/147	98/99	130/136

Comparing 1 DWPD (1.9TB) single port/dual port performance[1]

Features		Nytro® 3331	Comp. S	Comp. T
	Sequential Read Performance (MB/s)	1038/1968	1049/1564	1028/1414
	Sequential Write Performance (MB/s)	902/1445	995/1328	1000/1914
	Random Read Performance QD32/port (KIOPs)	180/181	225/237	193/205
	Random Write Performance QD32/port (KIOPs)	123/123	103/103	118/118
	Random 70/30 Performance QD32/port (KIOPs)	164/165	128/130	151/162

1 This is the most common configuration. The 32 queue depth is more typical in standard use.

3D eTLC

UP TO 2200 MB/s

UP TO 240K IOPS

UP TO 10 DWPD

5-YR LIMITED WARRANTY

12GB/s SAS

Best-Fit Applications

- High-availability server virtualization
- OLTP databases
- Software-defined storage
- All-flash arrays
- SAS HDD or SATA SSD data centers
- High security workloads

The
Seagate Advantage
Nytro 3031 SAS SSD

Robust Enterprise Features

- Power-loss data protection
- End-to-end data protection
- Advanced ECC algorithm

SEAGATE SECURE™

Delivers peace of mind with diverse set of security options

Broad endurance portfolio

- Up to 15TB
- Four endurance classes up to 10 DWPD

EXOS™ ENTERPRISE

Maximum Capacity and Consistent High Performance.

Exos X ultra-dense intelligent array system for max capacity, performance and TCO. Exos E for efficient growth, performance, and capacity for all-in-one price.

Exos X 2U12

Seagate Exos X 2U12 delivers advanced data protection, capacity, and performance at an entry-level cost.

- Save space but maximize capacity by expanding up to 120 drives
- Deliver data fast with 7GB/s throughput in an all-HDD configuration
- Rebuild drives faster than ever and reduce downtime with Seagate ADAPT data protection technology
- Opt for replication and snapshot features to meet critical enterprise requirements

Exos X 2U24

Seagate Exos X 2U24 is the datasphere's favorite entry-level solution for right-sized storage performance at an exceptional price point.

- Expand a data center seamlessly with flexible hard drive and hybrid flash configuration options
- Efficiently manage hot and cold data with real-time data tiering feature option
- Deliver unfettered data access with dual redundant controllers capable of achieving up to 7GB/s sequential read, 5.5GB/s sequential write performance
- Rebuild drives faster than ever and reduce downtime with Seagate ADAPT data protection technology
- Opt for replication and snapshot features to meet critical enterprise requirements

Best-Fit Applications

- Capacity data systems
- Data analytics tools
- Data centre expansion

Best-Fit Applications

- Data analytics solutions
- Data streaming
- Actionable surveillance

NYTRO ENTERPRISE

Performance is Paramount

The datasphere's super high performance platform for maximum IOPS. Achieve higher IOPS and higher density with small form factor drives that provide enviable IOPS per unit of rack storage.

Nytro X 2U24

Seagate Nytro X 2U24 is the datasphere's affordable all-flash array (AFA) system for critical workloads that demand the highest performance.

- Deliver unfettered data access with extremely low 250 microsecond latency.
- Ensure data is consistently available with next-gen Seagate ADAPT data protection for up to 95% faster rebuilds than traditional
- RAID configurations Easily upgrade capacity and speed with hot-swappable Seagate SSDs
- Save time with quick 5-step setup and low maintenance support design
- Rely on factory-tested components that are qualified before delivery

Nytro E 2U24

Seagate Nytro E 2U24 is the datasphere's high-performance, exceptional-capacity platform utilizing the latest SAS SSDs for maximum data access speed at a minimum TCO.

- Save space with up to 24 SSDs in a 2U rackmount enclosure
- Simplify overall product portfolio with this unique storage building block
- Safeguard data with intelligent fault diagnosis, resolution capabilities, persistent error logging, and monitoring
- Deliver data fast using Seagate SSDs Ensure data is available with N+1 PCMs, I/O modules, and dual data paths to all drives
- Maximum of 28.8GB/s in a dual controller configuration

Best-Fit Applications

- Enterprise, edge
- Security
- Video
- Standard density storage requirements

Best-Fit Applications

- Data centre
- Virtualisation workloads
- Heavy transaction, heavy streaming, and low-latency requirements

Efficient. Agile. Scalable.

Seagate® Exos® E 4U106 Datasphere's largest building block

Exos E 4U106 offers industry-first capacity and density without sacrificing data access speed. This very high density platform allows you to: effortlessly scale your data center; increase the amount of data that fits in a 4U rack by leveraging up to 106 of our high-capacity hard drives in a single enclosure that holds up to 1.7PB of business intelligence; eliminate efficiency-draining acoustic interference with the proprietary noise attenuator; and minimize footprint and power consumption while maximizing storage space.

Best-Fit Applications

• Enterprise and private clouds
• High-performance computing
• Multi-petabyte storage

Integrated. Efficient. Intelligent.

Seagate® Exos™ X 5U84 is the datasphere's ultra-dense, intelligent solution for maximum capacity and performance at an exceptionally low TCO.

Exos 5U84 is the datasphere's ultra-dense, intelligent solution -for maximum capacity and performance at an exceptionally low TOO.

• Maximum Capacity and Consistent High Performance – Throughputs reaching 7 GB/s sequential read, 5.5 GB/s sequential write

• Cost-Optimized Architecture – High density, high capacity unit

• Easy to Set Up, Maintain, and wand – Frus, PCMs, controllers, and software are interchangeable between systems and hot swappable

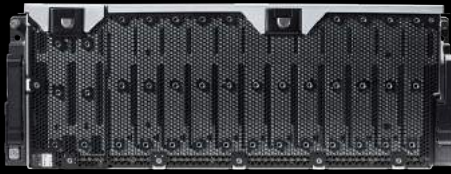• Get Data to Applications Fast and Protect Valuable Assets – 99.999% data availability promise

Best-Fit Applications

• Data archiving
• High-density & high-throughput
• Capacity planning

Seagate Storage Systems

Optimized for the future of data center storage

Seagate 4U106

Seagate 5U84

Seagate focuses on a system-based approach.

Features an ASIC-based architecture:

- Efficient cost structure with Predictable High Performance
- Industry Proven Quality
- Competition uses expensive CPUs and Memory to squeeze out performance

Leverages a deep software stack:

- Market-validated
- Strong foundation of features with ongoing innovation and unique data protection
- Competition requires complex and expensive software add-ons

Mid-Range Storage Competitive Landscape

Features		Seagate Exos® X	Comp. A	Comp. B	Comp. C
IOPS	Random Read	600K	450K	542K	Not published
Throughput	Sequential Read	7GB/s	6.5GB/s	12GB/s	Not published
	Sequential Write	5.5GB/s	3.2GB/s	5.3GB/s	Not published
Block Protocols	FC	✔	✔	✔	✔
	iSCSI	✔	✔	–	✔
	SAS	✔	✔	✔	✔
Chassis	Standard	2U24, 2U12	2U12, 2U24, 3U16, 4U24	2U12, 2U24, 3U16, 4U24	–
	High Density	5U84	–	–	4U48, 4U60
Data Efficiency	Thin Provisioning	✔	✔	–	–
	SSD Read Cache	✔	✔	–	–
	SSD Tiering	✔	✔	–	–
Advanced Data Protection	Dispersed Parity	✔ (ADAPT)	–	–	–
Copy Services	Snapshots	✔	✔	–	✔
	Remote Replication	✔	✔	–	✔

Enterprise Features

Virtual Pools
Streamline management by automatically creating storage pools

Thin Provisioning
Save on storage costs by dedicating storage only when needed

Async Replication
Replicate between arrays for business continuity/disaster recovery

Auto Tiering
Accelerate performance while providing cost and capacity benefits of HDD

Snapshots
Reduce RPO/RTO and mount snapshots for development and testing

ADAPT
Improved storage management and much faster rebuild times

EXOS™ ENTERPRISE

Compute & Storage – EXOS AP Series

Exos AP 4U100

The growth of the private cloud means enterprises of all sizes need storage solutions. Dedicated space is often limited and expensive. With the Exos AP 4U100, the data center footprint is dramatically reduced, saving real estate investment and reducing heating and cooling costs. Other storage center racks must house both storage and servers. This system's unique design and precision engineering allow both the intelligent compute of a server and a whopping 1.6PB of data storage.

Seagate Exos AP 4U100 has the datasphere's highest density of compute and storage in a single system.

- Maximize your investment with this low-TCO compute and high-density integrated storage system
- Retain valuable space with a 4U rack height that offers 96 × 3.5-in drive and 4 × 2.5-in drive capacity
- Leverage dual Intel Xeon Scalable CPUs on each controller
- Deliver maximum data throughput with two 12G SAS redundant application controllers
- Future-proof your data center with support for current and nextgeneration HDDs and SSDs
- Enable full drive performance in all slots with built-in technology to minimize drive performance degradation

Best-Fit Applications

- Private clouds
- High-density use cases
- High-throughput use cases
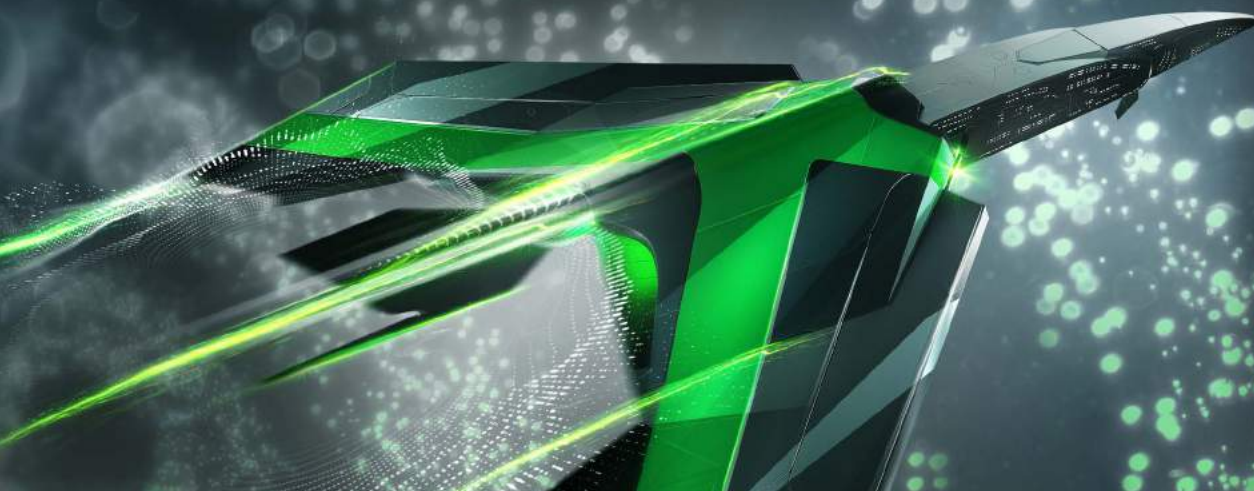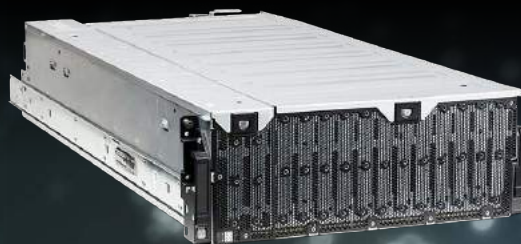
EXOS
ENTERPRISE

Exos AP 5U84

Minimize your TCO and store up to 1.344PB of data with an enclosure that leads the industry in both density and cost-forperformance while enabling easy change in functionality by swapping to EBOD expansion controllers or hardware-based RAID controllers. This flexible enclosure includes support and capabilities to manage cables, universal ports, self-configuration controls, and standardized zoning while helping you accelerate market introduction of new technologies and significantly simplify development and testing of storage implementations.

Seagate Exos AP 5U84 is the datasphere's affordable application platform for growth, performance, and high capacity.

- Maximize your investment with this low-TCO integrated compute and high-density storage system
- Leverage industry-leading CPU technology with dual Intel Xeon E5 v4 Family CPUs on each controller
- Efficiently manage your data center with a 5U rackmount enclosure and unique drawer design that provides easy access to drives
- Future-proof your data center with support for current and nextgeneration HDDs and SSDs
- Reduce power consumption with 80 PLUS Platinum certified power supplies and adaptive cooling technology

Best-Fit Applications
- Private clouds
- Fast input/output data speeds
- Innovation-ready scalability

Exos X Hard Drive Products

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Exos® X Class Hard Drives

- Maximum storage capacity for the highest rack space efficiency
- Ideal for massive scale-out storage environments
- 5-year limited warranty and 2.5M-hour MTBF

Capacity	Model Number	Format	Interface	Form Factor	Maximum Sustained Data Rate	Workload Rate Limit	Reliability (MTBF)	EAN	UPC	SED[2]	FIPS[2,3]
Exos 2X14											
14TB	ST14000NM0001	4KN	SAS 12GB/s	3.5"	Up to 524MB/s	1000TB/yr	2.5M-hr	8719706009607	763649124642		
Exos X16											
16TB	ST16000NM001G	512E/4KN	SATA 6GB/s	3.5"	Up to 261MB/s	550TB/yr	2.5M-hr	8719706008594	763649124147		
16TB	ST16000NM002G	512E/4KN	SAS 12Gb/s	3.5"	Up to 261MB/s	550TB/yr	2.5M-hr	8719706008617	763649124161		
16TB	ST16000NM003G	512E/4KN	SATA 6Gb/s	3.5"	Up to 261MB/s	550TB/yr	2.5M-hr	8719706008631	763649124185	√	
16TB	ST16000NM004G	512E/4KN	SAS 12Gb/s	3.5"	Up to 261MB/s	550TB/yr	2.5M-hr	8719706008655	763649124208	√	
16TB	ST16000NM009G	512E/4KN	SAS 12Gb/s	3.5"	Up to 261MB/s	550TB/yr	2.5M-hr	8719706018425	763649136185	√	√
14TB	ST14000NM001G	512E/4KN	SATA 6Gb/s	3.5"	Up to 261MB/s	550TB/yr	2.5M-hr	8719706008587	763649124130		
14TB	ST14000NM002G	512E/4KN	SAS 12Gb/s	3.5"	Up to 263MB/s	550TB/yr	2.5M-hr	8719706008600	763649124154		
14TB	ST14000NM003G	512E/4KN	SATA 6Gb/s	3.5"	Up to 262MB/s	550TB/yr	2.5M-hr	8719706008624	763649124178	√	
14TB	ST14000NM004G	512E/4KN	SAS 12Gb/s	3.5"	Up to 264MB/s	550TB/yr	2.5M-hr	8719706008648	763649124192	√	
14TB	ST14000NM012G	512E/4KN	SAS 12Gb/s	3.5"	Up to 265MB/s	550TB/yr	2.5M-hr	8719706018418	763649136178	√	√
12TB	ST12000NM001G	512E/4KN	SATA 6Gb/s	3.5"	Up to 261MB/s	550TB/yr	2.5M-hr	8719706011679	763649127155		
12TB	ST12000NM002G	512E/4KN	SAS 12Gb/s	3.5"	Up to 245MB/s	550TB/yr	2.5M-hr	8719706011693	763649127179		
12TB	ST12000NM003G	512E/4KN	SATA 6Gb/s	3.5"	Up to 261MB/s	550TB/yr	2.5M-hr	8719706011716	763649127193	√	
12TB	ST12000NM004G	512E/4KN	SAS 12Gb/s	3.5"	Up to 245MB/s	550TB/yr	2.5M-hr	8719706011730	763649127216	√	
12TB	ST12000NM008G	512E/4KN	SAS 12Gb/s	3.5"	Up to 245MB/s	550TB/yr	2.5M-hr	8719706018401	763649136164	√	√
10TB	ST10000NM001G	512E	SATA 6Gb/s	3.5"	Up to 245MB/s	550TB/yr	2.5M-hr	8719706011686	763649127162		
10TB	ST10000NM002G	512E	SAS 12Gb/s	3.5"	Up to 245MB/s	550TB/yr	2.5M-hr	8719706011709	763649127186		
10TB	ST10000NM003G	512E	SATA 6Gb/s	3.5"	Up to 245MB/s	550TB/yr	2.5M-hr	8719706011723	763649127209	√	
10TB	ST10000NM004G	512E	SAS 12Gb/s	3.5"	Up to 245MB/s	550TB/yr	2.5M-hr	8719706011747	763649127223	√	
10TB	ST10000NM010G	512E	SAS 12Gb/s	3.5"	Up to 245MB/s	550TB/yr	2.5M-hr	8719706018395	763649136157	√	√
Exos X14 – download data sheets											
14TB	ST14000NM0018	512E/4KN	SATA 6GB/s	3.5"	Up to 261MB/s	550TB/yr	2.5M-hr	8719706008044	763649118146		
14TB	ST14000NM0048	512E/4KN	SAS 12Gb/s	3.5"	Up to 261MB/s	550TB/yr	2.5M-hr	8719706008051	763649118177		
12TB	ST12000NM0008	512E/4KN	SATA 6Gb/s	3.5"	Up to 261MB/s	550TB/yr	2.5M-hr	8719706007559	763649118139		
12TB	ST12000NM0038	512E/4KN	SAS 12Gb/s	3.5"	Up to 261MB/s	550TB/yr	2.5M-hr	8719706007566	763649118160		
12TB	ST12000NM0248	512E/4KN	SATA 6Gb/s	3.5"	Up to 261MB/s	550TB/yr	2.5M-hr	8719706007818	763649118375	√	
12TB	ST12000NM0278	512E/4KN	SAS 12Gb/s	3.5"	Up to 261MB/s	550TB/yr	2.5M-hr	8719706007825	763649118405	√	
10TB	ST10000NM0478	512E/4KN	SATA 6Gb/s	3.5"	Up to 261MB/s	550TB/yr	2.5M-hr	8719706007405	763649119181		
10TB	ST10000NM0528	512E/4KN	SAS 12Gb/s	3.5"	Up to 261MB/s	550TB/yr	2.5M-hr	8719706007412	763649119242		
10TB	ST10000NM0568	512E/4KN	SATA 6Gb/s	3.5"	Up to 261MB/s	550TB/yr	2.5M-hr	8719706007429	763649119266	√	
Exos X10 – download data sheets											
10TB	ST10000NM0016	512E	SATA 6Gb/s	3.5"	249MB/s	550TB/yr	2.5M-hr	7636490069741	763649071199		
10TB	ST10000NM0086	512E	SATA 6Gb/s	3.5"	249MB/s	550TB/yr	2.5M-hr	7636490077531	763649090213		
10TB	ST10000NM0096	512E	SAS 12Gb/s	3.5"	249MB/s	550TB/yr	2.5M-hr	7636490077548	763649090220		
10TB	ST10000NM0146	4KN	SATA 6Gb/s	3.5"	249MB/s	550TB/yr	2.5M-hr	763649081488	763649094167		
10TB	ST10000NM0206	4KN	SAS 12Gb/s	3.5"	249MB/s	550TB/yr	2.5M-hr	8719706002127	763649114162		
10TB	ST10000NM0216	512E	SAS 12Gb/s	3.5"	249MB/s	550TB/yr	2.5M-hr	8719706002134	763649114988	√	
10TB	ST10000NM0226	4KN	SAS 12Gb/s	3.5"	249MB/s	550TB/yr	2.5M-hr	8719706002141	763649114995	√	
10TB	ST10000NM0236	512E	SAS 12Gb/s	3.5"	249MB/s	550TB/yr	2.5M-hr	8719706002158	763649115008	√	√
8TB	ST8000NM0206	512E	SATA 6GB/s	3.5"	249MB/s	550TB/yr	2.5M-hr	763649081556	763649094235		
8TB	ST8000NM0156	512E	SAS 12Gb/s	3.5"	249MB/s	550TB/yr	2.5M-hr	8719706004831	763649122440		

Exos E Hard Drive Products

Exos® 7E8

- High-capacity enterprise drive for maximum-density server and storage solutions
- Ideal for high scale-out storage environments
- 5-year limited warranty and 2M-hour MTBF

Capacity	Model Number	Format	Interface	Form Factor	Maximum Sustained Data Rate	Workload Rate Limit	Reliability (MTBF)	EAN	UPC	SED[2]
8TB	ST8000NM000A	512E/4KN	SATA 6GB/s	3.5"	249MB/s	550TB/yr	2M-hr	8719706005616	763649123478	
8TB	ST8000NM001A	512E/4KN	SAS 12GB/s	3.5"	249MB/s	550TB/yr	2M-hr	8719706005630	763649123492	
8TB	ST8000NM004A	512E/4KN	SATA 6GB/s	3.5"	249MB/s	550TB/yr	2M-hr	8719706006057	763649123911	√
8TB	ST8000NM006A	512E/4KN	SAS 12GB/s	3.5"	249MB/s	550TB/yr	2M-hr	8719706005814	763649123676	√
6TB	ST6000NM021A	512E/4KN	SATA 6GB/s	3.5"	226MB/s	550TB/yr	2M-hr	8719706015141	763649133354	
6TB	ST6000NM029A	512E/4KN	SAS 12GB/s	3.5"	226MB/s	550TB/yr	2M-hr	8719706015158	763649133361	
6TB	ST6000NM023A	512E/4KN	SATA 6GB/s	3.5”	226MB/s	550TB/yr	2M-hr	8719706016445	763649133774	√
6TB	ST6000NM031A	512E/4KN	SAS 12GB/s	3.5”	226MB/s	550TB/yr	2M-hr	8719706016513	763649133842	√
6TB	ST6000NM002A	512N	SATA 6GB/s	3.5"	215MB/s	550TB/yr	2M-hr	8719706006071	763649123935	
6TB	ST6000NM003A	512N	SAS 12GB/s	3.5"	215MB/s	550TB/yr	2M-hr	8719706006088	763649123942	
4TB	ST4000NM002A	512E/4KN	SATA 6GB/s	3.5"	226MB/s	550TB/yr	2M-hr	8719706015899	763649120453	
4TB	ST4000NM005A	512E/4KN	SAS 12GB/s	3.5"	226MB/s	550TB/yr	2M-hr	8719706015929	763649120484	
4TB	ST4000NM010A	512E/4KN	SATA 6GB/s	3.5"	226MB/s	550TB/yr	2M-hr	8719706015974	763649120699	√
4TB	ST4000NM011A	512E/4KN	SAS 12GB/s	3.5”	226MB/s	550TB/yr	2M-hr	8719706015981	763649120705	√
4TB	ST4000NM000A	512N	SATA 6GB/s	3.5"	215MB/s	550TB/yr	2M-hr	8719706015875	763649120439	
4TB	ST4000NM003A	512N	SAS 12GB/s	3.5"	215MB/s	550TB/yr	2M-hr	8719706015905	763649120460	
4TB	ST4000NM006A	512N	SATA 6GB/s	3.5"	215MB/s	550TB/yr	2M-hr	8719706015936	763649120590	√
4TB	ST4000NM007A	512N	SAS 12GB/s	3.5"	215MB/s	550TB/yr	2M-hr	8719706015943	763649120637	√
2TB	ST2000NM001A	512E/4KN	SATA 6GB/s	3.5”	215MB/s	550TB/yr	2M-hr	8719706015684	763649120521	
2TB	ST2000NM004A	512E/4KN	SAS 12GB/s	3.5”	215MB/s	550TB/yr	2M-hr	8719706015714	763649120552	
2TB	ST2000NM000A	512N	SATA 6Gb/s	3.5"	215MB/s	550TB/yr	2M-hr	8719706015677	763649120514	
2TB	ST2000NM003A	512N	SAS 12Gb/s	3.5"	215MB/s	550TB/yr	2M-hr	8719706015707	763649120545	
2TB	ST2000NM007A	512N	SAS 12Gb/s	3.5"	215MB/s	550TB/yr	2M-hr	8719706015745	763649120651	√
1TB	ST1000NM000A	512N	SATA 6GB/s	3.5"	215MB/s	550TB/yr	2M-hr	8719706015615	763649120576	
1TB	ST1000NM001A	512N	SAS 12GB/s	3.5"	215MB/s	550TB/yr	2M-hr	8719706015622	763649120583	

FIPS models available - please contact Seagate - seagate.com

Exos E Hard Drive Products

Exos® 7E8 (Previous Model - EOL)

- High-capacity enterprise drive for maximum-density server and storage solutions
- Ideal for high scale-out storage environments
- 5-year limited warranty and 2M-hour MTBF

Capacity	Model Number	Format	Interface	Form Factor	Maximum Sustained Data Rate	Workload Rate Limit	Reliability (MTBF)	EAN	UPC	SED[2]	FIPS[2,3]
8TB	ST8000NM0045	4KN	SATA 6GB/s	3.5"	249MB/s	550TB/yr	2M-hr	7636490064586	763649066034		
8TB	ST8000NM0055	512E	SATA 6GB/s	3.5"	249MB/s	550TB/yr	2M-hr	7636490064593	763649066041		
8TB	ST8000NM0065	4KN	SAS 12Gb/s	3.5"	249MB/s	550TB/yr	2M-hr	7636490064647	763649066096		
8TB	ST8000NM0075	512E	SAS 12Gb/s	3.5"	249MB/s	550TB/yr	2M-hr	7636490064654	763649066102		
8TB	ST8000NM0085	512E	SAS 12Gb/s	3.5"	249MB/s	550TB/yr	2M-hr	7636490069970	763649071427	√	
8TB	ST8000NM0095	4KN	SAS 12Gb/s	3.5"	249MB/s	550TB/yr	2M-hr	7636490069987	763649071434	√	
8TB	ST8000NM0105	512E	SATA 6GB/s	3.5"	249MB/s	550TB/yr	2M-hr	7636490069994	763649071441	√	
8TB	ST8000NM0115	4KN	SATA 6GB/s	3.5"	249MB/s	550TB/yr	2M-hr	7636490070006	763649071458	√	
6TB	ST6000NM0095	512E	SAS 12Gb/s	3.5"	226MB/s	550TB/yr	2M-hr	7636490068720	763649070178		
6TB	ST6000NM0105	4KN	SAS 12Gb/s	3.5"	226MB/s	550TB/yr	2M-hr	7636490068737	763649070185		
6TB	ST6000NM0115	512E	SATA 6GB/s	3.5"	226MB/s	550TB/yr	2M-hr	7636490068744	763649070192		
6TB	ST6000NM0125	4KN	SATA 6GB/s	3.5"	226MB/s	550TB/yr	2M-hr	7636490068751	763649070208		
6TB	ST6000NM0175	512E	SATA 6GB/s	3.5"	226MB/s	550TB/yr	2M-hr	7636490070150	763649071601	√	
6TB	ST6000NM0235	512N	SATA 6GB/s	3.5"	215MB/s	550TB/yr	2M-hr	7636490077517	763649090190		
6TB	ST6000NM0245	512N	SAS 12Gb/s	3.5"	215MB/s	550TB/yr	2M-hr	7636490077524	763649090206		
6TB	ST6000NM0285	512E	SAS 12Gb/s	3.5"	226MB/s	550TB/yr	2M-hr	763649080078	763649092750	√	√
4TB	ST4000NM0025	512N	SAS 12Gb/s	3.5"	215MB/s	550TB/yr	2M-hr	7636490068669	763649070116		
4TB	ST4000NM0035	512N	SATA 6GB/s	3.5"	215MB/s	550TB/yr	2M-hr	7636490068690	763649070147		
4TB	ST4000NM0045	512N	SATA 6GB/s	3.5"	215MB/s	550TB/yr	2M-hr	7636490070181	763649071632	√	
4TB	ST4000NM0065	512N	SAS 12Gb/s	3.5"	215MB/s	550TB/yr	2M-hr	7636490070112	763649071564	√	
4TB	ST4000NM0085	4KN	SATA 6GB/s	3.5"	226MB/s	550TB/yr	2M-hr	7636490075681	763649088364		
4TB	ST4000NM0095	4KN	SAS 12Gb/s	3.5"	226MB/s	550TB/yr	2M-hr	7636490075698	763649088371		
4TB	ST4000NM0115	512E	SATA 6GB/s	3.5"	226MB/s	550TB/yr	2M-hr	8719706003100	763649115015		
4TB	ST4000NM0125	512E	SAS 12Gb/s	3.5"	226MB/s	550TB/yr	2M-hr	8719706003117	763649115022		
4TB	ST4000NM0245	512E	SATA 6GB/s	3.5"	226MB/s	550TB/yr	2M-hr	763649080696	763649093375	√	
3TB	ST3000NM0005	512N	SATA 6GB/s	3.5"	215MB/s	550TB/yr	2M-hr	7636490070556	763649072004		
3TB	ST3000NM0025	512N	SAS 12Gb/s	3.5"	215MB/s	550TB/yr	2M-hr	7636490070563	763649072011		
2TB	ST2000NM0045	512N	SAS 12Gb/s	3.5"	215MB/s	550TB/yr	2M-hr	7636490069314	763649070765		
2TB	ST2000NM0055	512N	SATA 6GB/s	3.5"	215MB/s	550TB/yr	2M-hr	7636490069338	763649070789		
2TB	ST2000NM0105	4KN	SATA 6GB/s	3.5"	226MB/s	550TB/yr	2M-hr	7636490076572	763649089255		
2TB	ST2000NM0115	4KN	SAS 12Gb/s	3.5"	226MB/s	550TB/yr	2M-hr	7636490076589	763649089262		
2TB	ST2000NM0125	512E	SATA 6GB/s	3.5"	226MB/s	550TB/yr	2M-hr	7636490077937	763649090619		
2TB	ST2000NM0135	512E	SAS 12Gb/s	3.5"	226MB/s	550TB/yr	2M-hr	7636490077906	763649090589		
1TB	ST1000NM0045	512N	SAS 12Gb/s	3.5"	215MB/s	550TB/yr	2M-hr	7636490069321	763649070772		
1TB	ST1000NM0055	512N	SATA 6GB/s	3.5"	215MB/s	550TB/yr	2M-hr	7636490069345	763649070796		

Exos E Hard Drive Products

Exos® 7E2

- High-capacity enterprise drive for maximum-density server and storage solutions
- Ideal 3.5-inch hard drive for high scale-out storage environments
- 5-year limited warranty and 2M-hour MTBF

14,732	Model Number	Format	Interface	Form Factor	Maximum Sustained Data Rate	Workload Rate Limit	Reliability (MTBF)	EAN	UPC
2TB	ST2000NM0008	512N	SATA 6Gb/s	3.5"	194MB/s	550TB/yr	2M-hr	8719706002615	763649111284
1TB	ST1000NM0008	512N	SATA 6Gb/s	3.5"	194MB/s	550TB/yr	2M-hr	8719706002325	763649111260

Exos® 7E2000

- Maximizes data center footprint
- Ideal 2.5-inch hard drive for storage-hungry business needs
- 5-year limited warranty and 2M-hour MTBF

Capacity	Model Number	Format	Interface	Form Factor	Maximum Sustained Data Rate	Workload Rate Limit	Reliability (MTBF)	EAN	UPC	SED[2]	FIPS[2,3]
2TB	ST2000NX0243	4KN	SATA 6Gb/s	2.5"	136MB/s	550TB/yr	2M-hr	7636490043451	763649044902		
2TB	ST2000NX0253	512E	SATA 6Gb/s	2.5"	136MB/s	550TB/yr	2M-hr	7636490043468	763649044919		
2TB	ST2000NX0263	4KN	SAS 12Gb/s	2.5"	136MB/s	550TB/yr	2M-hr	7636490043475	763649044926		
2TB	ST2000NX0273	512E	SAS 12Gb/s	2.5"	136MB/s	550TB/yr	2M-hr	7636490043482	763649044933		
2TB	ST2000NX0303	512E	SATA 6Gb/s	2.5"	136MB/s	550TB/yr	2M-hr	7636490051159	763649052600	√	
2TB	ST2000NX0343	512E	SAS 12Gb/s	2.5"	136MB/s	550TB/yr	2M-hr	7636490051210	763649052662	√	
2TB	ST2000NX0353	512E	SAS 12Gb/s	2.5"	136MB/s	550TB/yr	2M-hr	7636490051227	763649052679	√	√
2TB	ST2000NX0403	512N	SATA 6Gb/s	2.5"	136MB/s	550TB/yr	2M-hr	7636490068997	763649070444		
2TB	ST2000NX0433	512N	SAS 12Gb/s	2.5"	136MB/s	550TB/yr	2M-hr	7636490069024	763649070475		
1TB	ST1000NX0303	4KN	SATA 6Gb/s	2.5"	136MB/s	550TB/yr	2M-hr	7636490043499	763649044940		
1TB	ST1000NX0313	512E	SATA 6Gb/s	2.5"	136MB/s	550TB/yr	2M-hr	7636490043505	763649044957		
1TB	ST1000NX0323	4KN	SAS 12Gb/s	2.5"	136MB/s	550TB/yr	2M-hr	7636490043512	763649044964		
1TB	ST1000NX0333	512E	SAS 12Gb/s	2.5"	136MB/s	550TB/yr	2M-hr	7636490043529	763649044971		
1TB	ST1000NX0343	4KN	SATA 6Gb/s	2.5"	136MB/s	550TB/yr	2M-hr	7636490051173	763649052624	√	
1TB	ST1000NX0373	512E	SAS 12Gb/s	2.5"	136MB/s	550TB/yr	2M-hr	7636490051241	763649052693	√	
1TB	ST1000NX0423	512N	SATA 6Gb/s	2.5"	136MB/s	550TB/yr	2M-hr	7636490069062	763649070512		
1TB	ST1000NX0453	512N	SAS 12Gb/s	2.5"	136MB/s	550TB/yr	2M-hr	7636490069093	763649070543		

Exos® 15E900

- Fast, reliable, secure storage in a 15K-RPM, 2.5-inch enterprise drive enables mission critical data center to process transactions more quickly
- Ideal for high-performance mission critical enterprise servers
- 5-year limited warranty and 2M-hour MTBF

Capacity	Model Number	Format	Interface	Form Factor	Maximum Sustained Data Rate	Workload Rate Limit	Reliability (MTBF)	EAN	UPC
900GB	ST900MP0006	512N	SAS 12Gb/s	2.5"	315MB/s	550TB/yr	2M-hr	636490068126	763649069578
900GB	ST900MP0146	512E/4KN	SAS 12Gb/s	2.5"	300MB/s	550TB/yr	2M-hr	0763649096789	763649109465
600GB	ST600MP0006	512N	SAS 12Gb/s	2.5"	315MB/s	550TB/yr	2M-hr	7636490068089	763649069530
600GB	ST600MP0136	512E/4KN	SAS 12Gb/s	2.5"	300MB/s	550TB/yr	2M-hr	0763649096741	763649109427
300GB	ST300MP0006	512N	SAS 12Gb/s	2.5"	315MB/s	550TB/yr	2M-hr	7636490068058	763649069509
300GB	ST300MP0106	512E/4KN	SAS 12Gb/s	2.5"	300MB/s	550TB/yr	2M-hr	0763649096710	763649109397

Exos E Hard Drive Products

Exos® 10E300

- Optimal balance of capacity, performance, and power in a 10K-RPM, 2.5-inch enterprise drive
- Ideal for high-capacity/high-performance, mission critical servers and external storage arrays
- 5-year limited warranty and 2M-hour MTBF

Capacity	Model Number	Format	Interface	Form Factor	Maximum Sustained Data Rate	Workload Rate Limit	Reliability (MTBF)	EAN	UPC	SED[2]	FIPS[2,3]
300GB	ST300MM0048	512N	SAS 12Gb/s	2.5"	215MB/s	550TB/yr	2M-hr	763649080603	763649093283		
300GB	ST300MM0058	512N	SAS 12Gb/s	2.5"	215MB/s	550TB/yr	2M-hr	763649080627	763649093306	√	

Exos® 10E2400

- Optimal balance of capacity, performance, and power in a 10K-RPM, 2.5-inch enterprise drive
- Ideal for high-capacity/high-performance, mission critical servers and external storage arrays
- 5-year limited warranty and 2M-hour MTBF

Capacity	Model Number	Format	Interface	Form Factor	Maximum Sustained Data Rate	Workload Rate Limit	Reliability (MTBF)	EAN	UPC	SED[2]	FIPS[2,3]
2.4TB	ST2400MM0129	512E/4KN	SAS 12Gb/s	2.5"	266MB/s	550TB/yr	2M-hr	8719706009522	763649113790		
2.4TB	ST2400MM0139	512E/4KN	SAS 12Gb/s	2.5"	266MB/s	550TB/yr	2M-hr	8719706009539	763649113707	√	
1.8TB	ST1800MM0129	512E/4KN	SAS 12Gb/s	2.5"	266MB/s	550TB/yr	2M-hr	8719706009508	763649113783		
1.8TB	ST1800MM0139	512E/4KN	SAS 12Gb/s	2.5"	266MB/s	550TB/yr	2M-hr	0763649100349	763649113837	√	
1.2TB	ST1200MM0129	512E/4KN	SAS 12Gb/s	2.5"	256MB/s	550TB/yr	2M-hr	8719706009485	763649113776		
1.2TB	ST1200MM0139	512E/4KN	SAS 12Gb/s	2.5"	256MB/s	550TB/yr	2M-hr	8719706009492	763649113820	√	
600GB	ST600MM0099	512E/4KN	SAS 12Gb/s	2.5"	266MB/s	550TB/yr	2M-hr	8719706009560	763649113684		
600GB	ST600MM0109	512E/4KN	SAS 12Gb/s	2.5"	266MB/s	550TB/yr	2M-hr	8719706009577	763649113806	√	
1.2TB	ST1200MM0009	512N	SAS 12Gb/s	2.5"	250MB/s	550TB/yr	2M-hr	7636490073366	763649074817		
1.2TB	ST1200MM0039	512N	SAS 12Gb/s	2.5"	250MB/s	550TB/yr	2M-hr	7636490073472	763649074923	√	
600GB	ST600MM0009	512N	SAS 12Gb/s	2.5"	250MB/s	550TB/yr	2M-hr	7636490073274	763649074725		
600GB	ST600MM0039	512N	SAS 12Gb/s	2.5"	250MB/s	550TB/yr	2M-hr	7636490073328	763649074770	√	

Exos Systems

Exos® – Capacity is Critical

Build a private cloud. Future-proof any enterprise for exponential data growth with up to 106 16 TB drives. Our expandable platforms and next-gen data protection systems solve tomorrow's storage capacity management challenges today.

SAS SSD Products

Nytro® 3031 SSD Series

- Multiple capacity, performance, with endurance up to 10 DWPD
- Ideal for high-performance computing, databases, online transaction processing, cloud computing, and big data analytics
- 5-year limited warranty

Capacity	Model Number	Endurance	NAND Flash Type	Interface	Form Factor	EAN	UPC	SED[2]	FIPS[2,3]
Nytro 3131									
15.36TB	XS15360TE70004	<1 DWPD	3D eTLC	SAS	2.5S	8719706012690	763649128565		
15.36TB	XS15360TE70014	<1 DWPD	3D eTLC	SAS	2.5S	8719706012706	763649128572	√	
15.36TB	XS15360TE70024	<1 DWPD	3D eTLC	SAS	2.5S	8719706012737	763649128602	√	√
7.68TB	XS7680TE70004	<1 DWPD	3D eTLC	SAS	2.5S	8719706011877	763649127575		
7.68TB	XS7680TE70014	<1 DWPD	3D eTLC	SAS	2.5S	8719706012713	763649128589	√	
3.84TB	XS3840TE70004	<1 DWPD	3D eTLC	SAS	2.5S	8719706012065	763649127841		
3.84TB	XS3840TE70014	<1 DWPD	3D eTLC	SAS	2.5S	8719706012720	763649128596	√	
Nytro 3331									
7.68TB	XS7680SE70004	1 DWPD	3D eTLC	SAS	2.5S	8719706011860	763649127568		
7.68TB	XS7680SE70014	1 DWPD	3D eTLC	SAS	2.5S	8719706012799	763649128664	√	
7.68TB	XS7680SE70024	1 DWPD	3D eTLC	SAS	2.5S	8719706012836	763649128701	√	√
3.84TB	XS3840SE70004	1 DWPD	3D eTLC	SAS	2.5S	8719706011853	763649127551		
3.84TB	XS3840SE70014	1 DWPD	3D eTLC	SAS	2.5S	8719706012782	763649128657	√	
3.84TB	XS3840SE70024	1 DWPD	3D eTLC	SAS	2.5S	8719706012829	763649128695	√	√
1.92TB	XS1920SE70004	1 DWPD	3D eTLC	SAS	2.5S	8719706011846	763649127544		
1.92TB	XS1920SE70014	1 DWPD	3D eTLC	SAS	2.5S	8719706012775	763649128640	√	
1.92TB	XS1920SE70024	1 DWPD	3D eTLC	SAS	2.5S	8719706012812	763649128688	√	√
960GB	XS960SE70004	1 DWPD	3D eTLC	SAS	2.5S	8719706011839	763649127537		
960GB	XS960SE70014	1 DWPD	3D eTLC	SAS	2.5S	8719706012768	763649128633	√	
960GB	XS960SE70024	1 DWPD	3D eTLC	SAS	2.5S	8719706012805	763649128671	√	√
Nytro 3531									
6.4TB	XS6400LE70004	3 DWPD	3D eTLC	SAS	2.5S	8719706012874	763649128749		
6.4TB	XS6400LE70014	3 DWPD	3D eTLC	SAS	2.5S	8719706012911	763649128787	√	
3.2TB	XS3200LE70004	3 DWPD	3D eTLC	SAS	2.5S	8719706012867	763649128732		
3.2TB	XS3200LE70014	3 DWPD	3D eTLC	SAS	2.5S	8719706012904	763649128770	√	
3.2TB	XS3200LE70024	3 DWPD	3D eTLC	SAS	2.5S	8719706012942	763649128817	√	√
1.6TB	XS1600LE70004	3 DWPD	3D eTLC	SAS	2.5S	8719706012850	763649128725		
1.6TB	XS1600LE70014	3 DWPD	3D eTLC	SAS	2.5S	8719706012898	763649128763	√	
1.6TB	XS1600LE70024	3 DWPD	3D eTLC	SAS	2.5S	8719706012935	763649128800	√	√
800GB	XS800LE70004	3 DWPD	3D eTLC	SAS	2.5S	8719706012843	763649128718		
800GB	XS800LE70014	3 DWPD	3D eTLC	SAS	2.5S	8719706012881	763649128756	√	
800GB	XS800LE70024	3 DWPD	3D eTLC	SAS	2.5S	8719706012928	763649128794	√	√
Nytro 3731									
3.2TB	XS3200ME70004	10 DWPD	3D eTLC	SAS	2.5S	8719706012607	763649128473		
3.2TB	XS3200ME70014	10 DWPD	3D eTLC	SAS	2.5S	8719706012645	763649128510	√	
3.2TB	XS3200ME70024	10 DWPD	3D eTLC	SAS	2.5S	8719706012683	763649128558	√	√
1.6TB	XS1600ME70004	10 DWPD	3D eTLC	SAS	2.5S	8719706012591	763649128466		
1.6TB	XS1600ME70014	10 DWPD	3D eTLC	SAS	2.5S	8719706012638	763649128503	√	
1.6TB	XS1600ME70024	10 DWPD	3D eTLC	SAS	2.5S	8719706012676	763649128541	√	√
800GB	XS800ME70004	10 DWPD	3D eTLC	SAS	2.5S	8719706012584	763649128459		
800GB	XS800ME70014	10 DWPD	3D eTLC	SAS	2.5S	8719706012621	763649128497	√	
400GB	XS400ME70004	10 DWPD	3D eTLC	SAS	2.5S	8719706012577	763649128442		
400GB	XS400ME70014	10 DWPD	3D eTLC	SAS	2.5S	8719706012614	763649128480	√	

SAS SSD Products

Nytro® 3000 SSD Series

- Multiple capacity, performance, and endurance options for all enterprise workloads
- Ideal for high-performance computing, databases, online transaction processing, cloud computing, and big data analytics
- 5-year limited warranty

Capacity	Model Number	Endurance	NAND Flash Type	Interface	Form Factor	Maximum Sustained Data Rate	EAN	UPC	SED[2]	FIPS[2,3]
Nytro 3330 – EOL										
15.36TB	XS15360SE70143	1 DWPD	3D eTLC	Dual 12Gb/s SAS	2.5" × 15mm	1300MB/s	763649122235	8719706004671	√	√
15.36TB	XS15360SE70103	1 DWPD	3D eTLC	Dual 12Gb/s SAS	2.5" × 15mm	1300MB/s	763649114308	763649100639		
15.36TB	XS15360SE70113	1 DWPD	3D eTLC	Dual 12Gb/s SAS	2.5" × 15mm	1300MB/s	763649114315	763649100646	√	
7.68TB	XS7680SE70103	1 DWPD	3D eTLC	Dual 12Gb/s SAS	2.5" × 15mm	1800MB/s	763649114285	763649100615		
7.68TB	XS7680SE70113	1 DWPD	3D eTLC	Dual 12Gb/s SAS	2.5" × 15mm	1800MB/s	763649114292	763649100622	√	
3.84TB	XS3840SE10103	1 DWPD	3D eTLC	Dual 12Gb/s SAS	2.5" × 7mm	2100MB/s	763649114261	763649100592		
3.84TB	XS3840SE10113	1 DWPD	3D eTLC	Dual 12Gb/s SAS	2.5" × 7mm	2100MB/s	763649114278	763649100608	√	
1.92TB	XS1920SE10103	1 DWPD	3D eTLC	Dual 12Gb/s SAS	2.5" × 7mm	2100MB/s	763649114247	763649100578		
1.92TB	XS1920SE10113	1 DWPD	3D eTLC	Dual 12Gb/s SAS	2.5" × 7mm	2100MB/s	763649114254	763649100585	√	
1.92TB	XS1920SE10123	1 DWPD	3D eTLC	Dual 12Gb/s SAS	2.5" × 7mm	2100MB/s	763649114209	763649100530	√	√
960GB	XS960SE10003	1 DWPD	3D eTLC	Dual 12Gb/s SAS	2.5" × 7mm	2100MB/s	763649095300	763649082621		
960GB	XS960SE10013	1 DWPD	3D eTLC	Dual 12Gb/s SAS	2.5" × 7mm	2100MB/s	763649095317	763649082638	√	
Nytro 3530 – EOL										
3.2TB	XS3200LE10003	3 DWPD	3D eMLC	Dual 12Gb/s SAS	2.5" × 7mm	2100MB/s	763649114148	763649100486		
3.2TB	XS3200LE10013	3 DWPD	3D eMLC	Dual 12Gb/s SAS	2.5" × 7mm	2100MB/s	763649114322	763649100653	√	
1.6TB	XS1600LE10003	3 DWPD	3D eMLC	Dual 12Gb/s SAS	2.5" × 7mm	2100MB/s	763649114384	763649100714		
1.6TB	XS1600LE10013	3 DWPD	3D eMLC	Dual 12Gb/s SAS	2.5" × 7mm	2100MB/s	763649114391	763649100721	√	
1.6TB	XS1600LE10023	3 DWPD	3D eMLC	Dual 12Gb/s SAS	2.5" × 7mm	2100MB/s	763649114407	763649100738	√	√
800GB	XS800LE10003	3 DWPD	3D eMLC	Dual 12Gb/s SAS	2.5" × 7mm	2100MB/s	763649114360	763649100691		
800GB	XS800LE10013	3 DWPD	3D eMLC	Dual 12Gb/s SAS	2.5" × 7mm	2100MB/s	763649114377	763649100707	√	
400GB	XS400LE10003	3 DWPD	3D eMLC	Dual 12Gb/s SAS	2.5" × 7mm	2000MB/s	763649114346	763649100677		
400GB	XS400LE10013	3 DWPD	3D eMLC	Dual 12Gb/s SAS	2.5" × 7mm	2000MB/s	763649114353	763649100684	√	

Nytro Systems

Nytro® – Performance is Paramount

Get data to the people who need it, when they need it. From drive to chassis, these fully optimised building blocks ensure fast, 99.999% data availability while balancing the cost for performance equation.

SATA SSD Products

Nytro® 1000 SATA SSD Series

- Storage performance and reliability for cloud servers and data center applications without requiring upgrades to infrastructure. Includes Seagate DuraWrite™, Seagate Secure™, and tunable capacity features
- Ideal for cloud, web-servers, databases. Mixed and read-intensive workloads, all flash-arrays
- 5-year limited warranty

Capacity	Model Number	Endurance	NAND Flash Type	Interface	Form Factor	EAN	UPC
Nytro 1551							
3.84TB	XA3840ME10063	3 DWPD	3D eTLC	SATA	2.5S	8719706010856	763649126127
3.84TB	XA3840ME10083	3 DWPD	3D eTLC	SATA	2.5S	8719706010467	763649125731
3.84TB	XA3840ME10103	3 DWPD	3D eTLC	SATA	2.5S	8719706010542	763649125816
1.92TB	XA1920ME10063	3 DWPD	3D eTLC	SATA	2.5S	8719706010849	763649126110
1.92TB	XA1920ME10083	3 DWPD	3D eTLC	SATA	2.5S	8719706010450	763649125724
1.92TB	XA1920ME10103	3 DWPD	3D eTLC	SATA	2.5S	8719706010535	763649125809
960GB	XA960ME10063	3 DWPD	3D eTLC	SATA	2.5S	8719706010832	763649126103
960GB	XA960ME10083	3 DWPD	3D eTLC	SATA	2.5S	8719706010443	763649125717
960GB	XA960ME10103	3 DWPD	3D eTLC	SATA	2.5S	8719706010528	763649125793
480GB	XA480ME10063	3 DWPD	3D eTLC	SATA	2.5S	8719706010825	763649126097
480GB	XA480ME10083	3 DWPD	3D eTLC	SATA	2.5S	8719706010436	763649125700
480GB	XA480ME10103	3 DWPD	3D eTLC	SATA	2.5S	8719706010511	763649125786
240GB	XA240ME10003	3 DWPD	3D eTLC	SATA	2.5S	8719706011396	763649126868
240GB	XA240ME10023	3 DWPD	3D eTLC	SATA	2.5S	8719706011433	763649126905
240GB	XA240ME10043	3 DWPD	3D eTLC	SATA	2.5S	8719706011402	763649126875
Nytro 1351							
3.84TB	XA3840LE10063	1 DWPD	3D eTLC	SATA	2.5S	8719706010610	763649125885
3.84TB	XA3840LE10083	1 DWPD	3D eTLC	SATA	2.5S	8719706010696	763649125960
3.84TB	XA3840LE10103	1 DWPD	3D eTLC	SATA	2.5S	8719706010771	763649126042
1.92TB	XA1920LE10063	1 DWPD	3D eTLC	SATA	2.5S	8719706010603	763649125878
1.92TB	XA1920LE10083	1 DWPD	3D eTLC	SATA	2.5S	8719706010689	763649125953
1.92TB	XA1920LE10103	1 DWPD	3D eTLC	SATA	2.5S	8719706010764	763649126035
960GB	XA960LE10063	1 DWPD	3D eTLC	SATA	2.5S	8719706010597	763649125861
960GB	XA960LE10083	1 DWPD	3D eTLC	SATA	2.5S	8719706010672	763649125946
960GB	XA960LE10103	1 DWPD	3D eTLC	SATA	2.5S	8719706010757	763649126028
480GB	XA480LE10063	1 DWPD	3D eTLC	SATA	2.5S	8719706010580	763649125854
480GB	XA480LE10083	1 DWPD	3D eTLC	SATA	2.5S	8719706010665	763649125939
480GB	XA480LE10103	1 DWPD	3D eTLC	SATA	2.5S	8719706010740	763649126011
240GB	XA240LE10003	1 DWPD	3D eTLC	SATA	2.5S	8719706011457	763649126929
240GB	XA240LE10023	1 DWPD	3D eTLC	SATA	2.5S	8719706011471	763649126943
240GB	XA240LE10043	1 DWPD	3D eTLC	SATA	2.5S	8719706011457	763649126929

1 Rescue recovery services not available in all countries. Contact your Seagate sales representative for further details. Register your drive to activate the 2-year Rescue plan at seagate.com/register.
2 Self-Encrypting Drives (SED) and FIPS 140-2 Validated drives are not available in all models or countries. May require TCG-compliant host or controller support.
3 See FIPS 140-2 Level 2 Certificate at http://csrc.nist.gov/groups/STM/cmvp/documents/140-1/1401val2010.htm#1299

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