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

**Key Advantages**

**Maximize Capacity and Consistent High Performance.** Leverage both speed and performance at a budget-friendly price. This system enables even the smallest business to get data to applications fast, with maximum throughput of up to 7GB/s. Additionally, businesses can expand the system as data requirements grow, with up to 216TB of storage capacity in only a 2U rack mount.

**Deliver Versatile Architecture Built to Scale.** Use this flexible solution for cost-conscious businesses that require high read and write throughput as well as more storage. Application access to data is virtually instantaneous, and purpose-built modularity makes it easy to set up, maintain, and expand via interchangeable FRUs and hot-swappable components.

**Ensure Applications Have Access to Critical Data.** Take advantage of features that enable extreme cost efficiency while also providing up to 99.999% data availability. Parallel architecture, data replication, and fast streaming make access to data unfettered. In addition, exclusive Seagate ADAPT data protection technology supports fast and efficient drive rebuilds that virtually eliminate system downtime.

**Reduce Cost and Resources.** Meet stringent worldwide requirements for recycling and environmental friendliness with a nimble system that flexes as use cases evolve and capacity needs increase. It is perfectly suited for the SMB market due to high capacity and efficient management capabilities, and can help you minimize environmental impact and recognize cost savings through high performance.

**Build In Security at the Foundation of the Data Life Cycle.** Protect the most valuable business assets with Seagate Secure™ cybersecurity features and intelligent firmware—such as SFTP, SED support, and administrator access controls—that provide built-in security measures for reliable and safe file access, transfer, and management.

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1 Using Exos 18TB drives
| Specifications                                      | 3005 Controller Performance | 4005 Controller Performance | Total BODs                                      | Advanced Software Features                                      | Base Array Software Features                                      | High-Availability Features                                      | Device Support                                      | Data Protection                                        | System Configuration (12, 3.5-in devices)                                      | Physical                                      | Hosts                                      | Hosts                                      | Fibre Channel Models                                      | ISCSI Models                                      | SAS Models (4005 only)                                      | System Configuration                                      | System Memory                                      | Cache                                      | Management                                      | Interface Types                                      | Protocols Supported                                      | Management Consoles                                      | Management Software                                      | Power Requirements—AC Input                                      | Input Power Requirements                                      | Max Power Output per PSU                                      | Environmental/Temperature Ranges                                      | Standards/Approvals                                      | Standard Marks/Approvals                                      |
|-----------------------------------------------------|-----------------------------|------------------------------|-----------------------------------------------|------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------|
|                                                    | 3.5GB/s read throughput | 7GB/s read throughput      | Maximum 4 x 2U12 BODs (3005), 10 x 2U12 BODs (4005) | Auto-tiering, Snapshots, Asynchronous replication | Virtual pools, Thin provisioning, ADAPT, SSD read cache, Encryption | Redundant hot-swap controllers | NL-SAS HDD |                                                      |                                                                  |                                                                  | Height: 87.9mm / 3.46 in | Width: 443mm / 17.44 in | Depth: 630mm / 24.8 in | Width w/ear mounts: 483mm / 19.01 in | Weight: 17kg / 38 lb | Weight (with drives): 32kg / 71 lb | 4 per system (3005), 8 per system (4005) | 16GB per system | Mirrored cache: Yes | Supercapacitor cache backup: Yes | Cache backup to flash: Yes – nonvolatile | 10/100/1000 Ethernet, Mini USB | SNMP, SSL, SSH, SMTP, HTTP(S) | Web GUI, CLI | Seagate Systems storage management console | Remote diagnostics | Nondisruptive updates | Volume expansion | 100V-240V AC 60Hz/50Hz | 580W | ASHRAE A2, 5°C to 35°C (41°F to 95°F), derate 1°C/300m above 900m, 20°C/hr max rate of change / -40°C to 70°C (-40°F to 158°F) | Operating/Nonoperating Temperature | ASHRAE A2, 5°C to 35°C (41°F to 95°F), derate 1°C/300m above 900m, 20°C/hr max rate of change / -40°C to 70°C (-40°F to 158°F) | 1024 | Operating/Nonoperating Temperature | Operating/Nonoperating Humidity | Operating/Nonoperating Shock | Operating/Nonoperating Vibration | UL 60950-1 (United States) | CAN/CSA-C22.2 No.60950-1-07 (Canada) | EN 60950-1 (European Union) | IEC 60950-1 (International) | CCC (China PRC – CCC Power Supplies) | BIS (India – BIS Power Supplies) | Commission Regulation (EU) 2019/424 (Directive 2009/125/EC) | FCC CFR 47 Part 15 Subpart B Class A (United States) | ICES/NMB-003 Class A (Canada) | EN 55032 Class A, EN 55024, EN 61000-3-2, EN 61000-3-3 (Europe) | AS/NZS CISPR 32 Class A (Australia/New Zealand) | VCCI Class A (Japan) | KN 32 Class A/KN 35 (S. Korea) | CNS 13438 Class A (Taiwan) | EN 61000-3-2 (EU) | EN 61000-3-3 (EU) | EN 55024 (EU) | KN 24/KN 35 (S. Korea) | The RoHS Directive (2011/65/EU) | The WEEE Directive (2012/19/EU) | The REACH Directive (EC/1907/2006) | The Batteries Directive (2006/66/EC) | STANDARD MARKS/APPROVALS | Australia/New Zealand (RCM), Canada (cUL/ICES/NMB-003 Class A), China (CCC – PSU only), European Union (CE), Japan (VCCI), South Korea (KC), Taiwan (BSMI), United States (FCC/UL) |