Seagate® Nytro® E 2U24 is the datasphere’s super high-performance platform for maximum IOPS at minimum cost.

**Key Advantages**

**Transfer Data Fast at up to an Unprecedented 12Gb/s SAS.** Get data to applications when and where it’s needed with up to 12Gb/s speed and an unprecedented effective maximum throughput of 14.4GB/s per I/O module or 28.8GB/s in a dual controller configuration, which is enough to support even the highest-performing solid state drives (SSD).

**Deliver a Versatile Architecture Built to Grow.** This flexible enclosure is built for ultimate solid state performance, and includes support and capabilities to manage cables, universal ports, self-configuration controls, and standardized zoning. As a key building block of our modular systems—which make all critical components interchangeable regardless of size or budget—this enclosure can be populated with our SSDs to provide flash performance at an entry-level price point. Its modularity makes it easy to set up, maintain, and expand via interchangeable FRUs and hot-swappable components, including the controller.

**Ensure Applications Have Access to Critical Data.** Safeguard your data with fault diagnosis, resolution capabilities, persistent error logging, and monitoring while ensuring maximum availability while harnessing high-availability features such as dual PCMs and I/O modules, as well as dual data paths to all drives.

**Reduce Cost and Resources With Energy-Efficient Features.** This enclosure is suited for high-capacity, transaction-dependent environments that demand tighter Service Level Agreement (SLA) requirements and faster response times for optimal data availability. It meets stringent worldwide requirements for recycling and environmental friendliness, helping to minimize environmental impact. Deliver cost savings through efficient high performance, all while reducing power consumption with 80 PLUS Gold certified adaptive cooling technology.

**Build In Security at the Foundation of the Data Life Cycle.** Protect the most valuable business assets with Seagate Secure™ cybersecurity features.

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**Product Highlights**

- 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
## Specifications

| Controller | Dual I/O modules per enclosure |
| Host/Expansion Interface | Three universal ×4 12Gb/s mini-SAS HD connectors (SFF-8644) per I/O module |
| Management/Status Reporting | CLI via RS232 and 100Base-T port SES via SAS SFF-8644 ports |
| Maximum System Configuration | Dual host-connected enclosure with a maximum expanded configuration of 16 enclosures for a total of 384 drives |
| Device Support | Dual port 12Gb/s and 6Gb/s SAS drives. |
| Max Drives per Enclosure | 24 (for a full list of supported drives, please contact your account or sales manager) |
| Hot-Swappable Components | Hard drives, power cooling modules (PCM), and SBB I/O modules |

### Physical
- Height: 88.9mm / 3.5 in (2 EIA units)  |
- Width: 483mm / 19 in (IEC rack compliant)  |
- Depth: 630mm / 24.8 in  |
- Weight: 24kg / 53 lb (with drives)  |

### Power Requirements—AC Input
- Input Power Requirements: 100V-240V AC 60Hz/50Hz  |

### Environmental/Temperature Ranges
- Operating/Nonoperating Altitude: 0m to 3000m (0 ft to 10,000 ft)  |
- Temperature Range: 5°C to 40°C (35°C max above 2000m)  |
- Humidity: 20% to 80% noncondensing  |
- Operating/Nonoperating Shock: 5 Gs, 10ms half sine / 30 Gs 10ms half sine  |
- Operating/Nonoperating Vibration: 0.21 Gs rms / 1.04 Gs rms  |

### Standards/Approvals

#### Safety Certifications
- UL 60950-1 (USA and Canada)  |
- EN 60950-1 (European Union)  |
- IEC 60950-1 (CB certification)  |

#### Emissions (EMC)
- CFR 47 Part15, subpart B, class A; CES/ NMB-003 Class A (North America)  |
- EN55022 Class A, EN55024, EN61000-3-2, EN61000-3-3 (Europe)  |

#### Standard Marks/Approvals
- North America (FCC, UL, cUL, ICES/NMB-003 Class A), Europe (CE), China (CCC – PSU only), Taiwan (BSMI), Korea (MSIP – formerly KCC), Japan (VCCI), Australia/New Zealand (RCM – formerly C-tick)  |