

Xanadu 260

Affordable High Performance Storage Solution for the Data Center



4U 60-Bay 3.5\" & 2.5\" Form Factor

Highlights

- ❖ Scale performance and capacity in 4U increments
- ❖ Energy saving implementations for cost savings
- ❖ Powerful storage management software for Linux, Windows, Solaris, HP-UX, AIX
- ❖ Mixed host interfaces in FC, 1G iSCSI, 10G iSCSI, and SAS
- ❖ Full Disk Encryption with local key management
- ❖ Disks can be intermixed including SAS, NL SAS, SED drives
- ❖ Data Assurance leads to greater fault isolation and increases data integrity across the entire Xanadu storage systems

The Xanadu 260 is a 4U 60 3.5\" & 2.5\" drive storage solution utilizing the latest 6G SAS architecture that can sustain 4Gbps and 40,000 IOPs and scale up to 180 TB.

Customers have the option of scaling performance and capacity in this unique 4U solution to their individual needs. Ten Xanadu 260s can fit into an industry standard 42U rack which can provide up to 40Gbps and 1.8PB of capacity. Or customers can choose to add 2 4U 60-drives Disk Enclosures to an existing Xanadu 260 RAID system.

The 5-Tray front mounted design is unique in the industry which provides for easy drive replacement and maintenance; users can just easily open a single drawer and replace or add any drive without disrupting the performance of the neighboring drives.

INTUITIVE STORAGE MANAGEMENT FEATURES

The Xanadu 260 is easy to use with the robustness of features that are seen in enterprise class storage systems. Options in

Ideal Uses

- ❖ Data Center
- ❖ All high-bandwidth applications
- ❖ Parallel file systems
- ❖ Streaming video
- ❖ Transactional workload
- ❖ Data warehousing
- ❖ Business-critical application

Optional Features

- ❖ Encryption
- ❖ Snapshot
- ❖ Volume copy
- ❖ Replication

both GUI and CLI are available for Linux, Windows and Solaris.

MIXED HOST INTERFACE

The Xanadu 260 has the ability to use multi-protocol host connectivity which allows users the flexibility to use one storage solution to support all their needs.

EXTENSIVE INTERMIX OF DRIVES AND ENCLOSURES

The Xanadu 260 supports intermix drive types within enclosures including 3.5" & 2.5" SAS, Near-Line SAS, SED SAS drives. Intermix drive enclosures include 3.5-in drives for cost-effective capacity and high performance applications. (See Xanadu 230, 240)

ENERGY SAVING IMPLEMENTATION

The Xanadu 260 has been designed to meet multiple power efficiency standards with no impact on performance requirements.

UNIQUE 4U DESIGN

The 5-tray 4U Xanadu 260 comes with high efficiency power supplies with efficiency over a wide load range and variable speeds of dual-redundant fans. Each tray has indicators for drive power, activity, fault, and service action allowed; it also has a redundant cable assembly. Tray motion is controlled as it stays active when the drawer is open, removing the possibility of jamming and I/O degradation. Each drive is capable of being removed and/or inserted without disrupting the performance of the neighboring drives.

DATA ASSURANCE

The Xanadu 260 data availability ensures that data is correct via in-line checking across the data path; it completes checks whenever data is moved within the controller (i.e. from an HBA interface to cache, from cache to the drive, or mirrored controller cache) up to higher degree of data integrity than previous implementations.

In conjunction with T10 PI industry standard, Xanadu 260 data assurance ensures end-to-end data integrity across the entire storage infrastructure which leads to greater fault isolation from both a hardware and software perspective and increases data integrity across the entire Xanadu storage system.

STORAGE WATCH

All Xanadu systems are StorageWatch® capable allowing users to reduce both infrastructure TCO and organizational operating costs associated with today's business of data assets and intelligence ensuring long term organizational growth.