

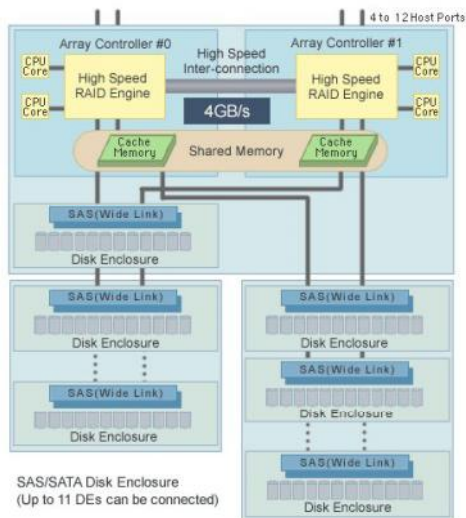
The Xanadu 110 is the industry's only solution that eliminates the need to make compromises and trade-offs between availability, performance, and capacity.

The Xanadu 110 provides an industry-unique combination of capabilities to provide unmatched scalability, availability, and manageability, but also the flexibility, performance, and economy required for the future. As your needs grow, the Xanadu modular platform can scale to meet your demands beyond 144 drives by upgrading to the Xanadu 120 in a non-disruptive mode.

The Xanadu 110 has the most advanced data integrity technology in the industry today which ensures against silent drive failures and minimizes drive rebuilds up to 50% with its patented disk healing technology. Additionally the solution has a full complement of enterprise software offerings and the the latest advancements in energy management technology.

RAID Engine

Performance enhanced RAID engine has a high internal transfer speed. The load of the processor can be offloaded to the RAID engine increasing the performance for the most demanding applications.



Enhanced Disk Recovery

The Xanadu 110 has the ability to proactively scan disks for bad sectors or other potential problems that could cause a drive to fail. These drives are taken out of service and fixed before failure occurs. Doing so potentially reduces the number of drive rebuilds that need to be done, improves data integrity and minimizes performance degradation caused by the rebuild process. Enhanced disk recovery eliminates up to 50% of all drive rebuilds.

Dual Redundant Cache Mirror

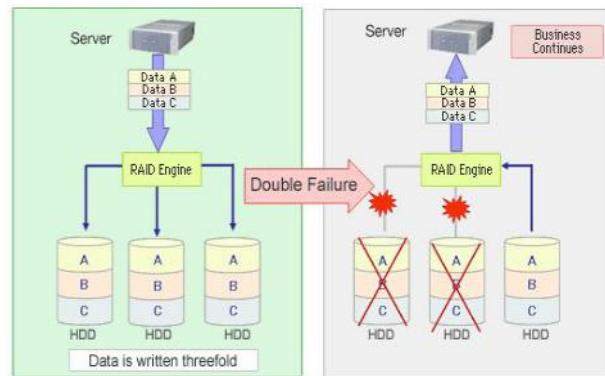
The Xanadu 110 uses two instances of redundant cache rather than the typical single instance, doing so minimizes the operational impact in the event of failure because writes are redirected to the second instance. Secondly, this technology maintains performance in the event of failure which could drastically affect application performance.

Key Features

- Up to 144 SAS or SATA HDD modules, the maximum capacity is 288TB
- Highest levels of data integrity - prevents silent data corruption
- Self healing technology
- Dynamic provisioning dynamically increases or decreases LUNs
- Scalable to 144 SAS/SATA drives or combination of both maximum capacity is 144TB
- Next Generation upgrade path to 1536 drives
- Energy saving "Green" technology
- Enhanced disk recovery technology eliminates rebuilds up to 50%
- Standard (4) 4Gb FC ports expandable to (12) 4Gb FC ports
- Non-disruptive upgrade path to 1536 HDD, 128GB cache and 64 FC host ports
- High availability and high reliability with RAID-TM (Triple Mirror)
- High performance RAID engine and SAS Wide Link

High availability, high reliability

RAID-TM (Triple Mirror) with more advanced high availability RAID-Triple Mirror using the high-speed RAID engine is adopted. This technology utilizes the high speed of RAID-1 and high reliability of RAID-6 at the same time, and can be used together with RAID-1 and RAID-5 storage pools. The organization can continue even when double failure occurs to the HDD's of the same RAID. Triple Mirror RAID increases availability by providing three parity drives, not one. Additionally, the rebuild process minimizes the impact on I/O performance to less than 20%. This technology is useful especially for database and OLTP or any other application which require high performance and availability.



Saving energy [Green technology]

MAID Technology to reduce the power consumption of disk drives The Xanadu 110 incorporates MAID technology. This technology allows customers to save power by allowing disks to be powered off. Energy savings can be high as 30%.

Dynamic Provisioning

Traditionally, logical disks could only be managed in units of the physical sets of disks that made up the RAID. Users had to install a fixed number of disks even if they were not necessary. The new dynamic pool function permits logical disk capacities to be changed dynamically. Physical disks can be added one at a time. The logical disks required can be managed efficiently, and the system is free from physical restrictions.