

### Subsystem Characteristics

Up to 11 disk enclosures can be connected to the disk array controller.  
One disk array controller or disk enclosure can house up to 12 disk drives.  
Dual controller  
Cache Memory: 4GB (2GB per controller)  
RAID levels: SAS - RAID-0, 1, 3, 3DP, 5, 6, 10, 50, TM  
SATA - RAID 5, 6, TM

### Host Connection Ports

Host Interface: Fibre Channel (up to 400MB/s)  
4 ports (standard), 8 ports, 12 ports

### Drive Interface

SAS/SATA (up to 300MB/s)  
Capacity Rotation Speed: SAS - 73GB, 147GB, 300GB (15,000RPM)  
SATA - 500GB, 750GB, 1TB (7,200RPM)  
Number of Total Drives: 144

### Dimensions/Weight/Power

Dimensions:  
Disk Array Controller/Node: 18.9" x 21.3" x 3.5" (2U)  
Disk Enclosure: 18.9" x 21.3" x 3.5" (2U)  
Weight:  
Disk Array Controller/Node: 68.3lbs (31kg) or less  
Disk Enclosure: 63.9lbs (29kg) or less  
Power: AC 100-240V single phase 50/60Hz

### Watts/Temperature/Humidity

Max Watts: SAS - 620, SATA - 550  
BTU/hr.: SAS - 181.5, SATA - 161  
Operating Temperature: 5-40 deg. C  
Storage Temperature: 10-60 deg. C  
Operating Humidity: 10-80%  
Storage Humidity: 5-80%

### Operating System Support

All standard Windows, Linux, and UNIX operating systems

### Management

**StorageWatch Storage Manager** - Improve storage management by monitoring the configuration and operating conditions.  
**ReallocationControl** - Optimize resources and use storage efficiently by pooling standby disks.  
**PerformanceMonitor** - Display real-time data on storage loads, collect performance information, and support analysis of system performance.  
**PerformanceNavigator** - Facilitate and streamline performance data analysis.

### Enterprise Software Features

**Storage BaseProduct** - Basic function to control the storage  
**Storage DynamicDataReplication** - Function for replicating volumes within the same storage system  
**Storage RemoteDataReplication** - Function for replicating volumes across different storage systems  
**Storage DynamicSnapVolume** - Function for creating snapshots using the disk capacity efficiently  
**Storage ReplicationControl SQL Option** - Option to enable non-disruptive backup of Microsoft® SQL Server™  
**Storage ReplicationControl FileSystem Option** - Option to synchronize with file system for disk separation  
**Storage StoragePowerConserver** - Function to save storage power consumption by control of HDD power  
**Storage PerformanceOptimizer** - Function to optimize disk performance  
**Storage VolumeProtect** - Function for tamper-proof and ensure the integrity of volume data  
**Storage PathManager** - Path redundancy function

*This product is available with:*  
**STORAGEWATCH®**

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.