

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: 8Gb Fibre Channel (up to 800MB/s)
4 ports (standard), 8 ports

Drive Interface

6Gb SAS/SATA (up to 600MB/s)
Capacity Rotation Speed: SAS-147GB, 300GB, 450GB, 600GB (15,000RPM)
SATA-500GB, 750GB, 1TB, 2TB (7,200RPM)
Number of Total Drives: 144

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.

Optional Enterprise 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

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, Solaris, and UNIX operating systems.

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.