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Nexsan iSeries

Advanced iSCSI Storage System

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Nexsan Data Storage

Nexsan iSeries

200i iSCSI Appliance, (2) GbE iSCSI, (2) 4GB F/C, GDR, 3 Years Support

#iS-200i

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400i iSCSI Appliance, (3) GbE iSCSI, (4) 4GB F/C, GDR, 3 Years Support

#iS-400i

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Overview:

- Combines SAS and SATA for ultimate application flexibility
- Virtualization eliminates storage waste
- Ideal for consolidating storage into a single infrastructure
- Multipath, multi-access architecture provides continuous access
- AutoMAID® power management reduces energy consumption
- Automated management eliminates administrative tasks
- Built-in data protection and replication



The Nexsan iSeries™, a member of the Flexible Storage Platform™, is a complete iSCSI SAN (Storage Area Network) solution that can scale from a few terabytes (TBs) up to hundreds of TBs. As such, it's ideal for consolidating multiple servers and storage systems into a single infrastructure capable of providing enterprise-class storage.

The Nexsan iSeries provides all storage software necessary to manage data, including replication, snapshots, virtualization, data migration, mirroring and more. And because it incorporates both SAS and SATA capacity in the same storage system, IT managers no longer have to choose between a performance- or capacity-driven iSCSI SAN system. The iSeries scales by adding Nexsan SAS/SATA storage systems, each with its own performance engine that includes up to 4GB of cache and four RAID engines.

Ideal for mid-size companies and mid-tier deployments in large organizations that need to mix and match storage connectivity in a single chassis, the Nexsan iSeries provides twice the capacity of similar solutions, at a fraction of the cost of competitive products.

As with all Nexsan solutions, the Nexsan iSeries is built for enterprise-class applications, providing tier-1 full redundancy and high performance at tier-2 prices. It's very easy to install and use. And the Nexsan iSeries includes technologies that provide a combination of cost-effective high density, space efficiency and Nexsan's AutoMAID® (Massive Array of Idle Disks) level 3 energy-saving technology, which enables the Nexsan iSeries to save up to 60% in energy costs.

Storage Virtualization & Consolidation

Nexsan iSeries™ is the perfect solution for server virtualization, databases, file storage, data consolidation and multiple data storage requirements where performance and scalability are a must and simple IP deployment is desired.

Nexsan iSeries, with complete storage services, gives users the ability to create and control 1000s of virtual volumes supporting multiple applications and storage

By reliably incorporating SAS and SATA in the same storage system, users no longer have to choose between a performance or capacity driven iSCSI SAN system. Separate storage pools can be created for the needs of different applications from databases to backup.

Resilient Architecture

The Nexsan iSeries's unique multi-path – multi-access architecture provides continuous data access during network, system, connection or component outage. Nexsan iSeries controllers are independent active systems that can form a redundant cluster pair in which one iSeries controller can take over production for another.

All components are redundant and hot swappable for no single point of failure. Additional data protection is provided using RAID 5 or RAID 6.

Integrated Data Protection and Remote Replication

Nexsan iSeries data protection services create an environment where data and sites are protected against loss. Users can create multiple read or read/write snapshots per volume, convert any snapshot into a production volume, recover an existing volume or perform non-disruptive backup.

Nexsan iSeries local mirroring and remote replication features maintain an exact copy of any volume. Local mirroring is designed for fast networks and maintains real-time copies of any volume within the same rack, datacenter or across a campus environment.

Asynchronous replication is the perfect solution for organizations that require disaster recovery and business continuance across a long distance using any IP LAN, MAN or WAN. Nexsan iSeries replication continually replicates volume changes to another iSeries located at a remote site ensuring against damage to local volumes.

	200i	400i
Includes storage services	●	●
Number of iSCSI ports	2	3
Maximum number of servers	200	200
Scalable SAN capacity	up to 500TB	up to 1 Petabyte
Number of FC storage ports	2	4
Cluster Support	●	●
Power supplies	Single	Dual

Expand Capacity with Performance

Unlike other iSCSI SAN solutions, each Nexsan storage system has its own independent performance engine, which includes up to 4GB of cache and 4 RAID engines. This allows users to increase capacity with performance without having to invest in more SAN appliances. With Nexsan, total cost of ownership will actually decrease as your company's data needs grow.

Increasing capacity is easy and non-disruptive. Simply attach another Nexsan storage system to the Nexsan iSeries appliance and you can immediately start using the additional capacity.

With an all-inclusive Tier 1 feature set combined with industry leading performance, reliability and energy efficiency, Nexsan iSeries is delivering the iSCSI SAN you need...at a price to meet your budget.

Industry Leading Energy Efficiency

Nexsan's exclusive technology, AutoMAID™, uniquely delivers 'Speed with Green' - the benefits of green without the limitations.

- Cut power and cooling costs up to 60%
- AutoMAID progressively migrates disks to idle state according to customizable periods of inactivity while providing near instantaneous access to data

Pricing Notes:

- Pricing and product availability subject to change without notice.

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iSeries Service & Support		
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