Dynamic Solutions
INTERNATIONAL

"Protecting the World's Information"

iDSI540-D72 Appliance

Experience You Can Trust

Protecting the world's information is our mission. Offering 45+ years of experience in data protection solutions and expertise in both disk and tape technologies, DSI meets the needs of IT professionals worldwide. DSI offers optimized solutions for data backup, recovery, and archiving. DSI has award winning designs, patented technologies, superior reliability, first class service, and a variety of solutions customized to meet your needs.

Maximize Use of Valuable Resources

The DSI540-D72 is designed to help you keep pace with your rapidly expanding business by utilizing state-of-the-art deduplication for your backup systems. There is no disruption as your capacity or performance needs change...simply add a license to your existing solution. Designed with growth in mind, the entire iDSI540 Series can increase its storage capacity via 1TB repository licensing increments (5TB logical capacity). There is no need to purchase more backup capacity than you need.

Protect Your Investment

Data security is at the forefront of our minds when building a backup and disaster recovery solution. DSI utilizes the industry's top standards for encryption and encryption-at-rest. Rest assured your data is always protected: The iDSI540-D72 comes with encryption-at-rest and encryption-in- flight as standard features, and supports physical tape encryption as well.

Maximize Your Data Center Efficiency

As data storage increases worldwide, all companies will need a way to get the most out of their storage solutions. The iDSI540 Series deduplication appliances are designed for maximum efficiency. In addition to allowing for extra security and deduplication, the software offerings available for pairing with the iDSI540 Series, DSI Conductor and DSI Tracker allow for file tracking and added automation. Combined with the iDSI540 Series the environment becomes a seamless addition to your environment.

Build Your System, Your Way

The iDSI540 Series provides enterprise-class protection for a wide range of datacenter environments.

Component Description for DSI540-D72

iDSI540-D72: Base Unit for deduplication VTL capable of supporting from 4 - 720TBs* of backup capacity. The DSI540-D72 is a high performance VTL. This VTL uses SSD drives for the "landing space" to enhance host backup performance.

*See configuration table for details.

THE
iDSI540-D72
IS DESIGNED TO HELP YOU KEEP PACE WITH YOUR RAPIDLY EXPANDING DATA FOOTPRINT BY UTILIZING STATE-OF-THE-ART DEDUPLICATION.

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Ready for
Power Systems Software

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Model	iDSI540-D72
Storage	10 x 12TB SED drives 6 x 7.68TB SSD drives 2 x 480GB SSD drives 4-720TB logical capacity*
Raid Level	5 (SSD), 6+1(12TB SED), 1 (480GB)
Processor Type	2 x Xeon 5218
Memory	320GB
Interfaces	6 x 16Gb FC ports
Power Supply	2 x 1100W (N+1) Hot Swap
Power Requirements	100–240 V AC (12 A-6.5 A)
Physical Dimensions	448.0 mm (17.6") x 810.0 mm (31.9") x 86.8 mm (3.42")
Form Factor	2U
Weight	40.0 kg (88.2 lb.)
Operating Temperature	10°C to 30°C (50°F to 86°F)
Cooling Requirements	4100 BTU/hr.
Operating Humidity	10% to 80% relative humidity
Max Virtual Libraries	128
Max Virtual Tape Drives	1,024
Max Virtual Tape Cartridges**	64,000
Deduplication	Included
Backend Physical Tape Support	Included
Replication	Option
Tape Consolidation	Option
Tape Encryption	Option
SAS Tape Interface	Option
Cloud Export	Option
10Gb Network	RJ45 standard, SFP+ Option

* Maximum logical capacity is dependent upon host platform type
** Maximum virtual tape cartridges varies by configuration

Visit us at DynamicSolutions.com or call 303.754.2080 to speak directly with a solutions architect.

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