



Dynamic Solutions
INTERNATIONAL

"Protecting the World's Information"



DSI540-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 DSI540 Series can increase its storage capacity via 1TB repository licensing increments. There is no need to purchase more backup capacity than you need.

Protect Your Investment

Data security is imperative when building a backup and disaster recovery solution. DSI utilizes the industry's top standards for at-rest and in-flight encryption to ensure that your data is never exposed to outside threats. The DSI540-D72 ships standard with in-flight and at-rest encryption so your data is protected every step of the way.

Maximize Your Data Center Efficiency

Data centers worldwide face the challenge of business critical data growing exponentially. DSI deduplicating backup systems provide scalable solutions that reduce power, management and space requirements. The DSI540 Series deduplication is designed for efficiency and allows your business to focus on growth without the worry of data management.

Cloud Export

The DSI540 Series now offers the ability to export and recover tape data directly to/from cloud object storage, from Microsoft Azure or Amazon Web Services (S3).

Component Description for DSI540-D72

DSI540-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
DSI540-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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Model	DSI540-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](https://www.DynamicSolutions.com) or call 303.754.2088 to speak directly with a solutions architect.



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