



# DSI425 Series

Protecting the world's information is our mission. With 40+ 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 enterprise class optimized solutions for data backup, recovery, and archiving. DSI has award winning designs, patented technologies, superior reliability, first class sales and support, and a variety of solutions customized to meet your needs.

## Maximize Use of Valuable Resources

The DSI425 is designed to help you keep pace with your rapidly expanding data by utilizing state-of-the-art deduplication for your data storage. There's no disruption as your capacity or performance needs change... simply add a storage license to your existing solution. Designed with growth in mind the entire DSI425 Series can increase in storage capacity through licensing of 1 TB (5TB with deduplication) at a time. No need to purchase more storage than you need. Ever.

## Protect Your Investment

Data security is at the forefront of our minds when building a backup and disaster and recovery solution. DSI utilizes the industry's top standards for encryption and encryption-at-rest. The DSI425 comes with encryption-at-rest as a standard feature and for those looking to protect their information in transit there is the optional feature of secure encryption-in-motion.

## 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 DSI425 series deduplication is designed for efficiency. In addition to allowing for extra security and deduplication, the software offerings available for pairing with the DSI425 Series, DSI Conductor and DSI Tracker allow for file tracking and added automation. Combined with the DSI425 Series the environment becomes a seamless addition to your environment.

## Build Your System, Your Way

The entire DSI425 series was designed to allow a small environment the ease of mind knowing they have an enterprise solution protecting their data.

The DSI425-D04 is unique to the rest of the DSI425 series in that it was designed with a more cost-effective hardware platform allowing even more savings for our enterprise customers.

## Component Description for the DSI425

**DSI425-D04:** Base unit for deduplication VTL capable of support from 5-20TB (logical capacity) and licensing (DSI425-C01). (See configuration table for details)

**DSI425-D16:** Base Unit for deduplication VTL capable of supporting from 10-80TB (logical capacity) and licensing (DSI425-C01). (See configuration table for details)

**DSI425-D24:** Base Unit for deduplication VTL capable of supporting from 10-120TB (logical capacity) and licensing (DSI425-C01). (See configuration table for details)

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	DSI425-D04	DSI425-D16	DSI425-D24
<b>Storage</b>	Logical Storage 5TB to 20TB (assumes a conservative 5:1 dedupe ratio)  Physical storage (8) 1.2TB Self-Encryption drives	Logical Storage 10TB to 80TB (assumes a conservative 5:1 dedupe ratio)  Physical storage (9) 4TB Self-Encryption drives	Logical Storage 10TB to 120TB (assumes a conservative 5:1 dedupe ratio)  Physical storage (12) 4TB Self-Encryption drives
<b>Power Supply</b>	1 + 1 High Efficiency, Hot Swap	1 + 1 High Efficiency, Hot Swap	1 + 1 High Efficiency, Hot Swap
<b>Interface</b>	2-8Gb Ports	2-16Gb FC Ports	2-16Gb FC Ports
<b>Temp</b>	10-35°C	10-35°C	10-35°C
<b>Humidity</b>	10-80%	10-80%	10-80%
<b>Heat Output/Cooling Requirements</b>	2,133 BTU's/hr	4,100 BTU's/hr.	4,100 BTU's/hr.
<b>Power/Intl. Power</b>	550w/110v/7.4a Intl: 240v/3.7a	1100w/110v/12a Intl: 240v/6.5a	1100w/110v/12a Intl: 240v/6.5a
<b>Physical (inches)</b>	1.7 x 17.1 x 25.3	3.4 x 18.9 x 29.7	3.4 x 18.9 x 29.7
<b>Weight</b>	42lbs/19.1kg	71.5lbs/32.5kg	71.5lbs/32.5kg
<b>Raid Level</b>	6	6 + 1	6 + 1
<b>Form Factor</b>	1u	2u	2u
<b>Memory</b>	32GB Total	96GB Total	96GB Total
<b>Processor Type</b>	Intel Xeon E5-2623 v3	Intel Xeon E5-2620 v3	Intel Xeon E5-2620 v3
<b># Virtual Libraries</b>	128	128	128
<b># Virtual Tape Drives</b>	256	1,024	1,024
<b># Virtual Tape Cartridge Supported</b>	4,000	64,000	64,000
<b>Backend Physical Tape</b>	Yes	Yes	Yes
<b>Replication (w/ encryption/ compression)</b>	Yes	Yes	Yes
<b>Tape Consolidation (stacking)</b>	Yes	Yes	Yes
<b>VTL Conductor</b>	Optional	Optional	Optional
<b>Open Systems ISV Attachment</b>	Yes	Yes	Yes
<b>iSeries</b>	Yes	Yes	Yes

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