Dynamic Solutions
INTERNATIONAL

"Protecting the World's Information"

iDSI520 Enterprise Series

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 iDSI520 Series Virtual Tape Library offers the most robust data protection for our customers. The iDSI520-EV0 may be paired with any DSI qualified fibre-channel external storage in your environment, allowing expansion into the petabytes of backup capacity.

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 iDSI520 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. The iDSI520-EV0 may be paired with an iDSI520-EVD to insure maximum possible power, management and physical space efficiency.

DSI also offers consulting services to assist with strategic backup and disaster recovery (DR) planning, design and implementation.

Build Your Systems, Your Way

The iDSI520 Series provides scalable, enterprise-class data protection available for any environment.

Component Description for iDSI520

iDSI520-EV0: may be paired with any DSI qualified Fibre-Channel external storage in your environment, allowing expansion into the petabytes of backup capacity.

iDSI520-EVD: The enterprise deduplication module may be paired with certified third-party disk arrays. No physical storage is included with the EVD head node.

See configuration table for details.

THE **iDSI520** IS DESIGNED TO HELP YOU KEEP PACE WITH YOUR RAPIDLY EXPANDING DATA FOOTPRINT BY UTILIZING STATE-OF-THE-ART DEDUPLICATION.

Business Partner **IBM**

Ready for
Power Systems Software

	iDSI520-EV0	iDSI520-EVD
	VTL Node	Dedupuplication Node
End user capacity	Up to 3.8PB	
	Enterprise VTL Node	Enterprise Deduplication Node
# virtual libraries	128	
# virtual tape drives	1,024	
# virtual tape cartridges supported	up to 1,000,000*	
Backend physical tape	FC only	
Replication (w/ encryption / compression)	Included	
SecureTape encryption	Included	
Tape consolidation (stacking)	Included	
High Availability	Optional	N + 1 Option
Data De-duplication	Requires iDSI520 EVD	Yes
VTL Agent	Included	Included**
Open systems ISV attachment	yes	yes
DSI Tracker / DSI Conductor	Optional	n/a
Maximum Configuration (Cluster)	Up to 2 nodes, either Active/Active or Active/Passive	Up to 4 Active nodes +1 Standby node
Processors	2 x Intel Xeon 4110	2 x Intel Xeon 4114
RAM	64 GB	384 GB (768GB option for EVD+)
Form Factor	2U	2U
Number of GBe Ports	4	4
Number of FC Ports	12 (16 GB)	4 (16 GB) + 2 OPTIONAL
Number of 10Gb Network Ports	2 Optional	2 Optional
Number of SAS Input Ports	0	0
Number of SAS Output Ports	0	0
Internal storage capacity (usable)	800 GB (0)	800 GB (0)
# drives	2 x 400 GB - RAID 0	2 x 400 GB - RAID 0
Dimensions (H x W x D):	3.40" x 17.44" x 26.80"	3.40" x 17.44" x 26.80"
Weight:	57.54 lbs	57.54 lbs
Temperature / Humidity considerations:	10 - 35°C / 10 - 80%	10 - 35°C / 10 - 80%
Heat output / cooling requirements:	4,100 BTU's/hr	4,100 BTU's/hr
Power supply rating (self switching)	100 - 240v, 50/60hz	100 - 240v, 50/60hz
Power / breaker requirements - US / C	1,100w/110v/12a	1,100w/110v/12a
Power / breaker requirements - Int'l	1,100w/240v/6.5a	1,100w/240v/6.5a

* Max virtual tapes supported includes local tapes and replicas
** DSI VTL Agent is included on the DSI520-EVD, when the DSI VTL Conductor software is also ordered

Visit us at DynamicSolutions.com or call 303.754.2088 to speak directly with a solutions architect.

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