Dynamic Solutions
INTERNATIONAL

"Protecting the World's Information"

iDSI620 Appliances for IBM i

Experience You Can Trust

Protecting the world's information is our mission. Offering 50+ 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 sales and support, and a variety of solutions customized to meet your needs.

Maximize Use of Valuable Resources

iDSI620 integrated appliances provide enterprise backup and recovery features, deduplication, and onboard repository storage - all in a single, flexible system. There is no disruption as your capacity or performance needs change...simply add a license to your existing system. Designed with growth in mind, the entire 620 Series can increase in storage capacity through licensing of 1TB increments (5TB logical capacity). You never have to buy more backup capacity than needed.

Protect Your Investment

Data security is non-negotiable when building a backup and recovery solution. Rest assured your data is always protected: The iDSI620 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 data protection processes. The iDSI620 Series deduplicating backup appliances are designed for maximum efficiency.

Component Description for iDSI620

iDSI620-D24: Base Unit for deduplication VTL capable of supporting from 5 - 480TBs* of logical backup capacity.

iDSI620-D48: Base Unit for deduplication VTL capable of supporting from 5 - 960TBs* of logical backup capacity.

*See configuration table for details.

THE iDSI620 IS DESIGNED TO HELP YOU KEEP PACE WITH YOUR RAPIDLY EXPANDING DATA BY UTILIZING STATE OF THE ART DEDUPLICATION FOR YOUR BACKUPS

Automate your environment with DSI Conductor and VTL Agent for IBM i

DSI VTL Conductor integrates into your existing environment and Media Management Software (MMS), delivering automated, host-based policies that leverage all of the Virtual Tape Library's (VTL) functionality, without leaving the standard IBM i interface.

DSI **VTL AGENT**

DSI **VTL CONDUCTOR**

Business Partner IBM
Ready for Power Systems Software

Model	iDSI620-D24	iDSI620-D48
Storage	9 x 8TB SED drives 5-120TB logical capacity	12 x 8TB SED drives 5-240TB logical capacity
Raid Level	6+1	6+1
Processor Type	2 x Xeon 4310	2 x Xeon 4310
Memory	128GB	256GB
FC Interfaces	4 x 16Gb FC ports (+2 option)	6 x 16Gb FC ports (+2 option)
Power Supply	2 x 1100W (N+1) Hot Swap	2 x 1100W (N+1) Hot Swap
Power Requirements	100–240 V AC (12 A-6.3 A)	100–240 V AC (12 A-6.3 A)
Physical Dimensions	482.0 mm (18.98") x 736.29 mm (28.92") x 86.8 mm (3.42")	482.0 mm (18.98") x 736.29 mm (28.92") x 86.8 mm (3.42")
Form Factor	2U	2U
Weight	35.3 kg (77.82 lb.)	35.3 kg (77.82 lb.)
Operating Temperature	10°C to 35°C (50°F to 95°F)	10°C to 35°C (50°F to 95°F)
Cooling Requirements	4299 BTU/hr.	4299 BTU/hr.
Operating Humidity	8% to 80% relative humidity	8% to 80% relative humidity
Max Virtual Libraries	128	128
Max Virtual Tape Drives	1,024	1,024
Max Virtual Tape Cartridges*	64,000	64,000
Deduplication	Included	Included
Backend Physical Tape Support	Included	Included
Replication	Included	Included
Tape Consolidation	Included	Included
Tape Encryption	Included	Included
SAS Tape Interface	Option	Option
10Gb Network	4 x 10Gb RJ45 standard (SFP+ option)	4 x 10Gb RJ45 standard (SFP+ option)
Cloud Export	Option	Option

* 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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