

Scalable Informatics™ Delta-V™

Designed with cost optimization in mind, the Delta-V series of storage appliances provide superior performance at an amazing price point. With powerful multi-core processors and a tuned software stack, the Delta-V provides the speed boost your work needs – starting at well under \$1,000 per usable terabyte.

Do more.

The Delta-V from Scalable Informatics is designed to succeed in circumstances where performance is mandatory, but cost is critical,

This allows customers to set up a sizable iSCSI target or a cluster configuration that scales to petabytes without exceeding budgetary restrictions that can often halt computing projects.

Storage densities of up to 48 TB per 4U node provide customers with ample storage to reliably house their data. Data transfer rates exceeding

400 MB/s enable them to increase their productivity.

Spend less.

Scalable Informatics optimized the design of the Delta-V to minimize cost, and tuned the software stack for both performance and reliability,

The combination of low cost and high performance enables customers to increase productivity without breaking the bank.

Delta-V. Increase your velocity.



Usable As:

- iSCSI target @ 500+ MB/s
- Lustre node (OSS/MDS)
- NFS server node (NFS over RDMA for InfiniBand optional) @ 400-500 MB/s
- GlusterFS node

Options

- Rack Units: 1U, 2U, 3U, 4U
- Disk Size: 500, 750, 1000, 1500, 2000 MB
- Disk Type: SAS, SATA
- Network: InfiniBand, 10GBe
- Raid: 6, 10

Benchmark Levels

- IO: 500 MB/s read/write in RAID6 + RAID 10
- Iops: 1800 at 500 MB/s in RAID 10

About Scalable Informatics

Scalable Informatics is a privately-owned, high performance computing solutions company focused on delivering pragmatic solutions for your computational problems. We design, build, and support high performance cluster, storage and workstation hardware, scalable and accelerated software, and offer support, consulting and development services.

Contact Us

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	ΔV 1	ΔV 2	ΔV 3	ΔV 4	ΔV 5
SYSTEM ARCHITECTURE	1U Rack Unit	2U Rack Unit	3U Rack Unit	4U Rack Unit	5U Rack Unit
Intel Processor Cores	Multi-Core				
System Memory	8 GB				
Raw Storage Capacity	Up to 8 TB	Up to 24 TB	Up to 32 TB	Up to 48 TB	Up to 96 TB
Hot-Swappable HDDs	4	12	16	24	48
Network Ports	[default] 2GbE [optional] Up to 2x 10 GbE, Up to 2x InfiniBand				
NETWORKING AND OS			howdy		howdy
Storage Networking Options	[file-based] NFS and NFS-over-RDMA (InfiniBand), SMB/CIFS [block-based] iSCSI target/initiator, AOE initiator [cluster file system] GlusterFS, PVFS2, GFS, OCFS2, Lustre				
Interoperates with	Linux, Windows 2003/8 x64, Solaris				
WARRANTY					
Standard Warranty	• 1 year parts exchange				
Warranty Options	<ul style="list-style-type: none"> • Extended Warranty and next business day parts • Remote Support • Depot on site 				