



fastSQL Cluster Appliance: High Performance and Availability for Microsoft SQL Server

Key Benefits

Performance

- Leverage high performance SanDisk Fusion ioMemory.
- Dramatically improve query response times and transactions per second by eliminating I/O bottlenecks.

Availability

- Protect business critical applications with data from downtime and disasters.
- Protect the entire SQL instance, not just certain databases.

Ease of Use

- Server, storage, network and software preconfigured for optimal performance and ease of configuration.

Less Risk

- Eliminates the single point of failure risk of shared storage.

Right Size Database Licensing

- Lower software licensing costs – use fewer CPU cores which require fewer database licenses.

Hyve Solutions, a division of SYNEX Corporation, and SIOS Technology Corp., have co-developed the fastSQL cluster appliance, a high performance Microsoft SQL Server cluster solution powered by SanDisk. The appliance is available on HP, Dell, and SuperMicro server platforms and ships with both SanDisk high performance Fusion ioMemory and SIOS DataKeeper Cluster Edition high-speed replication technology.

The Hyve Solutions fastSQL cluster appliance provides customers with a fully integrated, high performance and highly available SQL Server environment. SIOS DataKeeper Cluster Edition realtime, block level replication keeps local, high performance storage synchronized for failover and disaster protection without the need for shared storage.

The Hyve Solutions fastSQL cluster appliance is a preconfigured two-node #SANLess SQL cluster that protects the entire SQL instance, not just specific databases. It ships with server storage, network settings, and software pre-configured for optimal performance. fastSQL is available with the following server models:

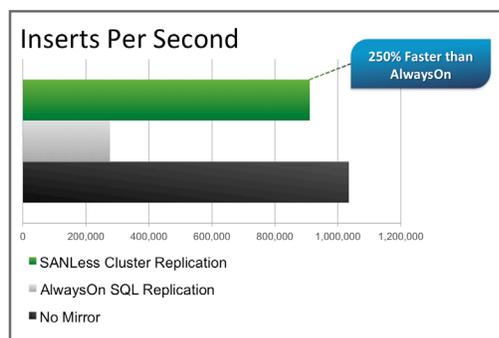


The Hyve Solutions fastSQL cluster appliance is available on your choice of HP DL380, SuperMicro 2U Twin or Dell PowerEdge R720 hardware and comes with both SanDisk high performance ioMemory and SIOS DataKeeper Cluster Edition #SANLess clustering software.

For pricing and information about the Hyve Solutions fastSQL appliance email: fastsql@hyvesolutions.com

Performance and availability.

The Hyve Solutions Appliance provides complete availability and data protection with maximum performance. Benchmark tests ran a script in a continual loop that performed database inserts as rapidly as possible to maximize load against the database transaction log. The real-time, optimized, block level data replication provided by SIOS DataKeeper ensures maximum data protection while imposing minimal overhead on the system.



Technical specifications.

Each server in this two-node cluster configuration has the following base configuration:

- Dual Intel Xeon E5-2670 CPUs
- 64 GB RAM
- Fusion ioDrive2 1.2TB
- SIOS DataKeeper Cluster Edition #SANLess cluster software

About SIOS

SIOS delivers innovative software solutions that provide application availability and disaster protection for Windows and Linux environments.

Clusters Your Way.™

An essential ingredient in any cluster solution, SIOS SAN and #SANLess clustering software provides the flexibility to build clusters your way to protect your choice of Windows or Linux environment – and any configuration (or combination) of physical, virtual and cloud (public, private, and hybrid) storage – without sacrificing performance or availability. SIOS provides unique #SANLess clustering software that eliminates both the cost and the single-point-of-failure risk of traditional shared-SAN storage.

Founded in 1999, SIOS Technology Corp., is headquartered in San Mateo, California, and has offices throughout the United States, United Kingdom, and Japan.

About Hyve Solutions

Hyve Solutions, a division of SYNEX Corporation (NYSE: SNX), is a leader in providing customers with better, purpose-built datacenter servers and storage that are cost effective and built to be specific to actual workloads and datacenter environments. The Company offers highly energy-efficient solutions via its unique role in the Open Compute Project.

For more information about Hyve Solutions, visit: <http://www.hyvesolutions.com>
email: sales@hyvesolutions.com, or call: (855) 869-6873.

About SanDisk

SanDisk Corporation (NASDAQ: SNDK), a Fortune 500 and S&P 500 company, is a global leader in flash storage solutions. For more than 25 years, SanDisk has expanded the possibilities of storage, providing trusted and innovative products that have transformed the electronics industry. Today, SanDisk's quality, state-of-the-art solutions are at the heart of many of the world's largest data centers, and embedded in advanced smart phones, tablets and PCs. SanDisk's consumer products are available at hundreds of thousands of retail stores worldwide. For more information, visit www.sandisk.com.



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