



SuperMicro SuperSQL Appliance: High Performance and Availability for 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

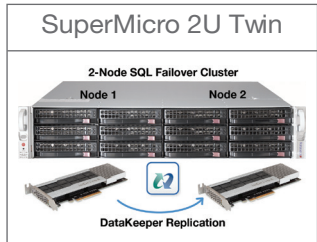
- Eliminates the single point of failure risk of shared storage.

Right Size Database Licensing

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

Supermicro and SIOS Technology Corporation have launched a high performance Microsoft SQL Server cluster appliance powered by SanDisk. The appliance ships with both Fusion ioMemory high performance ioMemory and SIOS DataKeeper Cluster Edition for high-speed replication technology. The SuperSQL appliance is a fully integrated, high performance and highly available SQL Server platform.

The compact, single chassis in the 2U twin form factor houses a two-node active-active cluster, with shared, hot swappable power and cooling. Customers can now enjoy the power and performance of SanDisk Fusion ioMemory with complete data availability at a fraction of the cost of a SAN.



The appliance includes SuperMicro 2U hardware, high performance SanDisk Fusion ioMemory, and SIOS DataKeeper Cluster Edition #SANLess clustering software.

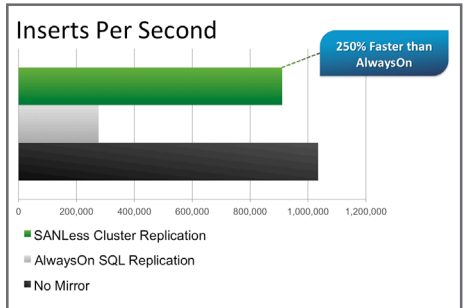
Technical specifications.

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

Performance and availability.

The SuperSQL 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.



For pricing and information:
supersql@supermicro.com

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 Supermicro

The 2U Twin is part of the Supermicro's family of twin servers. 2U Twin introduces an innovative architecture where the devices are hot-swappable to facilitate ease of maintenance, reduce/eliminate down time, while saving power and space by sharing the same chassis and power supplies. The 2U Twin server features two nodes with x16 non-blocking native Gen3 PCI-Express connectivity to the processor and redundant 1400-watt Gold Level (93%+ efficiency) power supplies for maximum availability. Each node supports six hot-swap 3.5" SATA drives for OS installation and local storage, as well as two PCI-Express slot for high speed PCI-Express storage. Connectivity include dual 1Gb/s Ethernet onboard and 10Gb/s Ethernet in a PCI-Express slot.

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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