

Networked Storage That Delivers

Overland Storage's SnapSAN family offers an affordable option to other SAN storage products. SnapSAN products are designed for growing businesses requiring non-stop storage services or businesses that require iSCSI SAN optimized for virtualization. So, whether you need simple management and easy integration or non-stop services for the most demanding applications, SnapSAN is the right solution for you.

SnapSAN S1000

Capabilities



Flexible Connectivity

- Connection Options
- 4 x 1GbE iSCSI ports per controller
 - 2 x 4Gb FC ports per controller
 - 2 x 10GbE iSCSI ports per controller
 - 2 x 6Gb SAS ports per controller



Dual Controllers

- Active-Active architecture for maximized performance
- Failover supported for availability



Windows Integration

- MPIO support for maximized performance and availability
- Certified for Microsoft Server platforms including Hyper-V



Online Capacity Expansion

- Add drives and expansion units with no downtime
- Expand RAID sets online with no service interruption

Simple

The S1000 supports a variety of connectivity options, making it ideal for organizations who desire the ability to leverage their existing infrastructure and the ability to adapt as requirements change or new technologies become available. Choose the best connectivity option for your environment between 1GbE or 10GbE iSCSI, 4Gb Fibre Channel, or 6Gb/sec SAS controllers.

High Availability

The SnapSAN S1000 is equipped with everything you need to protect your most valuable business data and provide non-stop services for critical applications. High availability features include fully redundant, hot-swappable components (power supplies, fan modules, battery backup modules, and SAS expansion ports), volume configuration restoration which eliminates the need to reboot or shut down host systems, and redundant RAID controllers with automatic failover.

For data protection, you can take read-only or writable snapshots for point-in-time recovery, as well as choose from a variety of RAID levels including "N-way" mirroring to guard your data against simultaneous drive failures.

Easily Integrated

Extensive host OS support as well as certifications for Microsoft, VMware and Citrix ensure that the S1000 can integrate seamlessly into any operating environment. Ideal for virtualization environments, multiple servers can be easily installed, managed and protected with no downtime or single point-of-failure.

SnapSAN S2000

Capabilities



Automatic Capacity Expansion

- Automatically expand volume capacity based on policies
- Eliminate the guesswork involved in provisioning storage



VMware Integration

- Manage your SnapSAN S2000 directly from VMware vCenter
- Quickly and easily provision storage with Datastore creation wizards



Mirroring

- Provide integrated high availability for your Windows and Hyper-V Servers
- Provide integrated high availability for VMware Datastores



Replication

- Maintain application consistency between replication partners with Windows VSS integration
- Automatically and securely replicate data between your SnapSAN S2000 systems

Simple

The full-featured S2000 offers many standard enterprise capabilities, such as auto-provisioning, mirroring for high-availability and active-active failover, as well as, replication and snapshots for data protection. The plug-and-play architecture, combined with the simple management console and Windows-based wizard driven user interface, greatly simplifies installation and routine maintenance.

Smart

The SAN Manager software can monitor and manage multiple S2000 storage systems—locally or remotely—using a local windows application or via web browser in heterogeneous environments. The GUI accesses storage event logs and immediately displays any faults. Email Notifications or text events can be sent to system administrators—or even to a remote management organization.

Automated

Included in the S2000 is the auto-provisioning breakthrough capability, allowing the S2000 to proactively meet growing capacity demands by automatically increasing capacity on the host as needed – without user involvement. The expansion is non-disruptive and works awfully without the need for pre-allocating or estimating unknown storage needs.


SnapSAN S1000 Highlights

- ✓ Your choice of iSCSI, Fibre Channel, and SAS connectivity
- ✓ Dual controller option with load balancing and failover for high availability
- ✓ Advanced data protection features including RAID, snapshots, and Windows VSS support
- ✓ Advanced RAID features including Online Capacity Expansion, RAID Migration and Volume Expansion
- ✓ Green storage design includes auto disk spin-down, advanced cooling and energy-efficient power supplies

SnapSAN S2000 Highlights

- ✓ Integrates seamlessly into Windows, Hyper-V, VMware, Linux, UNIX and Mac OS X environments
- ✓ Customized SnapSAN plug-in for direct integration and management within VMware
- ✓ Mirroring option for VMware and Windows Servers
- ✓ Replication option and embedded snapshots for Disaster Recovery
- ✓ Automatically extends storage volumes making capacity instantly available to the organization

Family Comparison Chart

| |  SnapSAN S1000 |  SnapSAN S2000 |
|------------------------|---|---|
| Product Summary | Affordable dual controller array with the flexibility to support iSCSI, FC and SAS host connections. | Datacenter class iSCSI SAN Appliance, Highly integrated into Windows and VMware with DR and HA options |
| Best Fit For | Growing businesses requiring non-stop storage services for the most demanding applications | Businesses that require Windows and VMware integration with integrated Replication and Mirroring features |
| Form Factor | 2U | 2U |
| System Scalability | 1.2TB – 120TB | 1.2TB – 192TB |
| Network Interface | 1GbE iSCSI / 10GbE iSCSI / Fibre Channel / SAS | 1GbE iSCSI / 10GbE iSCSI |
| Drives Types | SAS / SATA / Green SATA | SAS / SATA |
| RAID Levels | 0, 1, 0+1, 3, 5, 6, 10, 30, 50, 60 | 0, 1, 5, 6, 10, 50, 60 |
| Snapshots | ✓ | ✓ |
| Remote Data Protection | 3rd Party Host-Based | Replication Option |
| High Availability | Dual Controller Option | Mirroring Option |



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