

## SGI® InfiniteStorage 350

### Affordable Performance and Capacity to Simplify Your Storage Network

#### Highlights

- Value-priced, high capacity SATA RAID
- Dual integrated controllers
- 4 Gb fibre channel connectivity
- 8TB in a compact 3U enclosure

#### Features

- Superior performance
- High-density and low-cost capacity
- Rock-solid reliability and availability
- Lower total costs



The SGI InfiniteStorage 350 is a SATA-only storage system that delivers the outstanding density, capacity, and performance typically found only in enterprise class storage. Users who have previously relied on distributed Direct Attached Storage (DAS) can now consolidate their data on a single easy to manage system. For environments with more complex requirements, it is an ideal building block for data lifecycle management, disk to disk backup and disaster recovery applications.

#### Superior Performance

With performance characteristics usually reserved for much higher priced storage systems, the InfiniteStorage 350 is designed not only topline technology but also for affordability. This dual controller model utilizes four 4 Gbps Fibre Channel interfaces to provide up to 800 MB per second throughput and high I/Os to meet the needs of most applications, from e-mail to video serving.

#### High-density and Low-cost Capacity

Floor space is a premium in every data-center – each InfiniteStorage 350 3U chassis holds sixteen 500 GB SATA disk drives, giving you high density in a small footprint. Manage up to 24TB in a single storage system and consolidate inefficient distributed storage systems, simplifying your data storage management.

#### Rock-solid Availability and Reliability

Full-featured high availability comes standard with the InfiniteStorage 350 including online storage management, redundant, hot-swappable components and battery backup. This dual controller system also come standard with automated path failover and mirrored cache.

#### Lower Total Costs

The InfiniteStorage 350 is backward compatible with 2Gb and 1Gb host side connections. This means that you can take advantage of 4 Gbps technology today, without replacing your entire SAN infrastructure. Additionally, upgrade with data in-place to an Enterprise level system with either InfiniteStorage 4000 or InfiniteStorage 4500 controllers.



# SGI® InfiniteStorage 350

<b>Controller</b> <ul style="list-style-type: none"><li>Dual-active</li></ul>	<b>Availability</b> <ul style="list-style-type: none"><li>Multiple RAID levels, redundant, hot-swappable controllers, disk drives, supplies, cooling fans cache battery backup</li></ul>
<b>Connectivity/Interfaces</b> <ul style="list-style-type: none"><li>4 - 4Gb/s Fibre Channel host interfaces (LC connectors)</li><li>Point-to-point, arbitrated loop and switched fabric support</li></ul>	<b>Configuration/Monitoring</b> <ul style="list-style-type: none"><li><b>InfiniteStorage 350 management support</b></li><li>IRIX®, Windows® 2000 and 2003 Server, Solaris, Linux, HP-UX, AIX NetWare®</li></ul>
<b>Cache Size</b> <ul style="list-style-type: none"><li>1GB per controller</li></ul>	<b>Physical Characteristics</b>
<b>Supported Disk Drives</b> <ul style="list-style-type: none"><li>500GB SATA</li><li>16 Drives per enclosure</li></ul>	<b>Dimensions</b>
<b>Storage System Capacity</b> <ul style="list-style-type: none"><li>Max. number of drives supported: 48</li><li>Max. capacity: 24TB</li></ul>	<b>Controller Enclosure (3U)</b> <ul style="list-style-type: none"><li>Height: 5.1" (12.9 cm)</li><li>Width: 17.6" (44.7 cm)</li><li>Depth: 22.1" (56.1 cm)</li><li>Weight: 87 lb (39.5 kg)</li></ul>
<b>Performance</b> <ul style="list-style-type: none"><li>745MB/s aggregate bandwidth from cache</li><li>590MB/s sustained from media</li></ul>	<b>Drive Enclosure (3U)</b> <ul style="list-style-type: none"><li>Height: 5.1" (12.9 cm)</li><li>Width: 17.6" (44.7 cm)</li><li>Depth: 22.1" (56.1 cm)</li><li>Weight: 85 lb (38.6 kg)</li></ul>
<b>Controller Features</b> <ul style="list-style-type: none"><li>RAID levels 0, 1, 3, 5, and 1+0 supported</li><li>Battery backup</li><li>256 LUNs per partition</li><li>Controller management through 2 ethernet ports</li><li>2 RS-232 ports for diagnostics</li></ul>	<b>Operating Temperature</b> <ul style="list-style-type: none"><li>Cabinet: 50°–95° F (10° – 35° C)</li><li>Module: 50°–104° F (10° – 40° C)</li></ul>
<b>Firmware Features</b> <ul style="list-style-type: none"><li>Optimized for disk-based performance</li><li>Automated I/O path protection with host-based, multi-path, failover drivers</li><li>Online administration, configuration and maintenance</li><li>Centralized management from any location</li><li>GUI and command line management</li><li>Optional storage partitioning, snapshot, volume copy and remote mirroring functionality</li></ul>	<b>Electromagnetic Compliance</b> <ul style="list-style-type: none"><li>EN 55022 Class A EN 50024:1998</li><li>FCC Class A VCCI Class A</li></ul>
	<b>Regulatory Compliance</b> <ul style="list-style-type: none"><li>UL 1950 CSA 22.2 No.950 IEC 950, EN 609</li><li>RoHS Compliant</li></ul>
	<b>Power Consumption</b> <ul style="list-style-type: none"><li>Enclosure with controllers and 16 drives</li><li>Max. operating current - 3.18A, 318W,</li><li>Max. surge current - 5.85A, 585W, 100VAC, 60 Hz, 0.73 power efficiency, 0.99 power factor</li></ul>



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