# SGI® InfiniteStorage™ Servers

## Reliable, High Performance Intel® Xeon® Processor E5-2600/1600 v2 Family Storage Solutions

### SGI InfiniteStorage Servers

SGI InfiniteStorage Servers provide incredible configuration flexibility, in a variety of standard-depth 1U or 2U rackmount chassis profiles featuring a wide variety of processor and drive configurations.

### World-Class Service and Support

SGI products are fully backed by a range of warranty and support offerings. In addition, our Professional Services team is available to help with solutions outside traditional support packages in areas ranging from HVAC, power and network design to customer specific operating system solutions.

### Storage Server Software Support

**System Software:** SUSE® Linux® Enterprise Server 11 or Red Hat® Enterprise Linux 6

**Software Solution Stack:**

- Cluster Management Software: SGI Management Center
- Fabric Management: SGI InfiniBand Fabric Management
- File System: XFS™ 64-bit journaled file system, CXFS™ shared file system for SANs, DMF (Edge Servers, Data Movers), SGI LUSTRE, SGI NAS

## SGI InfiniteStorage Servers Specifications

sgi.com/storage

| Model Number | ISS3104-RP10 | ISS3112-RP2 | ISS3124-RP2 |
|---|---|---|---|
| Chassis Profile | • 1U standard-depth | • 2U standard-depth | • 2U standard-depth |
| Servers/System | • Single socket | • One dual-socket | • One dual-socket |
| Chipset | • Intel® C602 chipset | • One Intel® C600 series | • One Intel® C600 series |
| Max. Processors | • Intel® Xeon® E5-1650 v2<br>• Intel® Xeon® E5-2600 v2 (up to 12 cores and up to 135W) | • Two Intel® Xeon® E5-2600 v2 | • Two Intel® Xeon® E5-2600v2 |
| Max. Cores | • 12 | • 24 | • 24 |
| Max. Memory | • 256GB in 8 slots | • 768GB in 24 slots | • 768GB in 24 slots |
| Memory Slots | • 8 DIMM slots | • 24 DIMM slots | • 24 DIMM slots |
| Memory Type | • 1866/1600/1333/1066/800 MHz DDR3 ECC reg. | • 1866/1600/1333/1066/800 MHz DDR3 ECC reg. | • 1866/1600/1333/1066/800 MHz DDR3 ECC reg. |
| Max. HDDs & SSDs | • Four 3.5" SATA or SSD hot-swap drives (2.5" drives supported with carrier adapter) | • Twelve 2.5"/3.5" SAS, SATA or SSD hot-swap drives | • Twenty four 2.5" SAS, SATA or SSD hot-swap drives |
| SATA ports (Onboard) | • SATA3 (6Gbps) w/ RAID 0, 1, 10<br>• SATA2 (3Gbps) w/ RAID 0, 1, 10 | • JBOD, RAID 0, 1 | • JBOD, RAID 0, 1 |
| SAS RAID (RAID card, Optional) | • n/a | • JBOD, RAID 0, 1, 5, 6, 10, 50, 60 | • JBOD, RAID 0, 1, 5, 6, 10, 50, 60 |
| Expansion Slots | • Two PCIe 3.0 x16 full height slots and one PCIe 3.0 x8 low-profile slot | • Six PCIe 3.0 x8 full height, or two PCIe 3.0 x8 full height and two PCIe 3.0 x16 double-width | • Six PCIe 3.0 x8 full height, or two PCIe 3.0 x8 full height and two PCIe 3.0 x16 double-width |
| Networking (Onboard) | • Intel® i350 Dual-Port GigE controller (Intel I350) | • Quad-Port GigE controller (Intel® I350) | • Quad-Port GigE controller (Intel® I350) |
| IPMI Remote Management (Optional) | • Integrated IPMI 2.0 and KVM with Dedicated LAN | • Integrated IPMI 2.0 | • Integrated IPMI 2.0 |
| Power Supply | • 500W high-efficiency (94%+) redundant power supplies w/ PMBus and I2C | • 750W redundant Platinum Level | • 750W redundant Platinum Level |
| Chassis Mount | • Standard 19" rack compatible rail mount | • Standard 19" rack compatible rail mount | • Standard 19" rack compatible rail mount |
| Dimensions (HxWxD) | • 1.7" (4.3cm) x 17.2" (43.7cm) x 25.6" (65.0cm) | • 3.5" (8.9cm) x 17.2" (43.7cm) x 27.8" (70.6cm) | • 3.5" (8.9cm) x 17.2" (43.7cm) x 27.8" (70.6cm) |

## About SGI

SGI is a global leader in high performance solutions for compute, data analytics and data management that enable customers to accelerate time to discovery, innovation, and profitability. Visit sgi.com for more information.

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