

SGI™ I100 Server

For Linux®, Windows NT®, and Windows® 2000

Features

- Space-saving rack-mount IU chassis
- Scales to two Intel Pentium III processors and 2GB of SDRAM
- Certified to run Linux, Windows NT, and Windows 2000
- Cluster-capable
- Designed for remote manageability

Minimum Footprint, Maximum Performance

The SGI I100 server sets the standard in compute performance per square foot. Packing maximum performance in minimal space, the thin and powerful SGI I100 server excels in application environments requiring compute power in a space-constrained area. The SGI I100 server combines up to two Intel® Pentium® III processors, as much as 2GB of SDRAM, one or two IDE hard disk drives, and a 64-bit, 66 MHz, full-length PCI slot in an ultracompact IU chassis. Ideal as a compute node in a cluster environment, an Internet server, or a render server, the SGI I100 system also features two integrated Ethernet LAN controllers for fast setup in any network.

The Operating System and Configuration Flexibility You Need

Shipped with Linux and certified to support Windows NT and Windows 2000, SGI I100 lets you run the operating system that best suits your solution. High-performance I/O options include Myrinet, external Fibre Channel RAID, Gigabit Ethernet, and Ultra2 SCSI. These choices let you match system I/O performance to application demands.

Scalable Performance

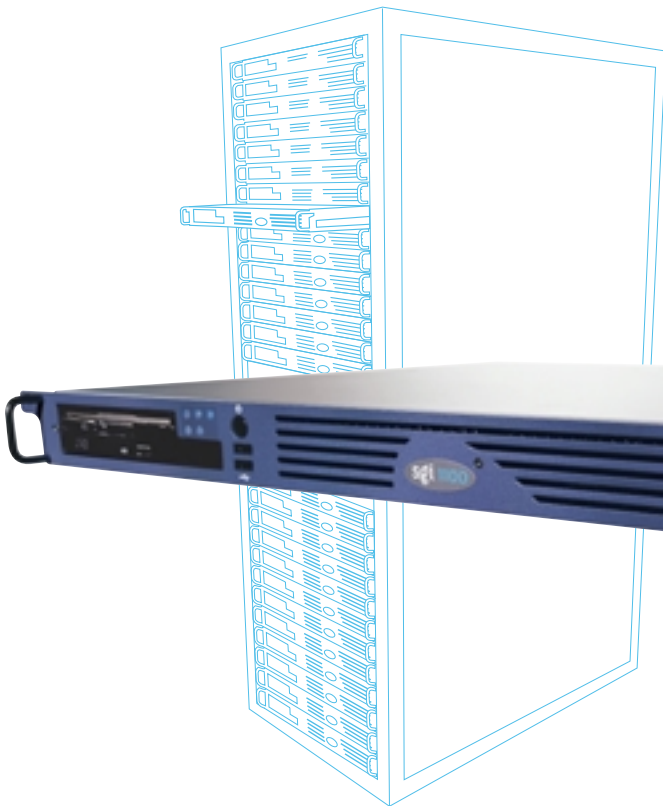
The optimized design of the SGI I100 server delivers high performance for both system and critical application needs. The server is also highly scalable, supporting two high-performance Intel Pentium III 800 MHz or 1 GHz processors and up to 2GB of main memory—letting you match or expand performance capabilities as needed to track changing application requirements.

Manageability, Serviceability, and Reliability

The SGI I100 server features remote management capability (including remote monitoring, alert, console, and viewing), an emergency management port (including remote power on/off/reset, remote diagnostic and BIOS, and event paging capabilities), plus easy-access internals, making it extremely simple to service and manage.

The Ultimate Affordable, Space-Saving Compute Solution

The power-packed design of the SGI I100 server makes it an affordable, space-saving solution for a broad array of telecommunications, media, and computational applications, including clustering, Web serving, e-commerce, and streaming media. Customers deploy the SGI I100 server for these and other applications across a broad range of market sectors, including the sciences, manufacturing, government, and education. Backed by SGI worldwide service and support, SGI I100 servers deliver unparalleled capability combined with exceptional real-estate economy.



**SGI I100 Server
Technical Specifications**



<p>Operating System Support</p> <ul style="list-style-type: none"> • Red Hat® Linux V. 6.2 • Microsoft® Windows NT, Windows 2000 	<p>Networking and Storage Capacity</p> <ul style="list-style-type: none"> • I/O bandwidth 532MB/sec • I/O channels 1 64-bit PCI channel running at 66 MHz • I/O slots 1 full-length, full-height PCI slot • Ethernet Integrated dual Ethernet controllers Gigabit Ethernet [optional] Dual Fast Ethernet [optional] Fibre Channel RAID Ultra2 SCSI Myrinet interconnect Rack-mountable within 36U SGI rack • Options • Keyboard/mouse 2 PS/2 connectors • Serial ports 2 asynchronous, RS232C, 9-pin • USB ports 2 front, 2 back 	<p>Environmental and Regulatory</p> <ul style="list-style-type: none"> • Environmental <ul style="list-style-type: none"> -Nonoperating -40°C to +70°C -Operating +10°C to +35°C -Electrical and power 100 V–240 V/50–60 Hz • Regulatory <ul style="list-style-type: none"> -U.S./Canada Meets or exceeds the following requirements: UL 1950, 3rd Edition/CSA 22.2, No. 950M93, 3rd Edition -Europe/CE Mark Low Voltage Directive, 73/23/EEC TUV/GS to EN60950 2nd Edition -International CB certification and Report to IEC 60950, 3rd Edition • Electromagnetic compatibility [EMC] <ul style="list-style-type: none"> -U.S. FCC 47 CFR Part 2 and 15, Class B -Canada IC ICES-003 Class B limit -Europe EMC Directive, 89/336/EEC EN55022, Class B limit, EN55024, EN61000-3-2, and EN61000-3-3 -Japan VCCI Class B -Australia/New Zealand AS/NZS 3548, Class B limit -Taiwan BSMI, Class A [CISPR 22] -International IEC CISPR-22, Class B limit
<p>Processor Support</p> <ul style="list-style-type: none"> • Microprocessor Intel Pentium III • CPU capacity 1 or 2 CPUs • Clock speed 800 MHz or 1 GHz • Primary cache 32KB • Secondary cache 256KB • System bus speed 133 MHz 	<p>Support and Warranty</p> <ul style="list-style-type: none"> • Warranty One-year limited warranty, next-business-day on-site response, standard business hours Standard uplifts • Hardware • Software 90-day software advisory telephone support on Linux only; CallPacks available for Microsoft Windows NT 	
<p>System Memory</p> <ul style="list-style-type: none"> • Memory capacity 128MB, up to 2GB SDRAM, ECC protected • Memory bandwidth 1.05GB/sec 	<p>Dimensions and Weights</p> <ul style="list-style-type: none"> • Rack-mount 19" W x 21" D x 1.7" H • Weight 32 lb 	
<p>System Features</p> <ul style="list-style-type: none"> • Hard drives 1 or 2 1" enhanced IDE drives [20GB or 30GB each] with Ultra ATA-100 support IDE 24X slim line 5.25" drive in combo bay, preinstalled • CD-ROM drive IDE 24X slim line 5.25" drive in combo bay, preinstalled • Floppy drive 3.5", 1.44MB floppy disk drive in combo bay, preinstalled • Video ATI Rage II XL with 4MB video memory 		



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