

# SGI Internet Server™ Messaging

## Features and Benefits

- Full-featured, affordable messaging solution based on M-Store commercial software from MessagingDirect
- Integrated and preconfigured messaging solution for single or multiple hosted messaging services
- Includes software license that supports up to 15,000 mailboxes
- Easily deployed turnkey solution built upon SGI Internet Server Linux OS-based thin [2U] footprint
- Integrated management, monitoring, security, and networking tools
- Single-point-of-call support with world-class SGI global services and support

## Professional Messaging Performance Made Affordable

The server company that powers many of the world's most demanding Web sites now offers a powerful, thin serving solution complete with commercial messaging software. SGI Internet Server for messaging combines the convenience of an appliance with the flexibility, features, and full support of a commercial-grade messaging system.

Designed for ISPs, ASPs, and colocation facilities, the messaging version of SGI Internet Server is a Linux® OS-based solution that provides a completely integrated, full-featured messaging server in one affordable and easy-to-deploy unit.

## A Solution That Delivers

Service providers face a number of challenges in meeting their messaging requirements. Solutions must be integrated into existing infrastructures and deployed quickly, with the ability to scale to meet the needs of the company and its customer base as they expand. As clients demand more sophisticated messaging capability, the need for maximum performance at a minimum price is crucial. Key considerations such as reliability, cost, support, and service programs are all extremely important in making equipment and solutions choices.

SGI is a proven leader in professional carrier-grade messaging solutions for service providers. With the introduction of SGI Internet Server for messaging, small to medium-size service providers can now deploy robust messaging serving solutions quickly—at an attractive price point.

## Security and Growth with MessagingDirect Application

To deliver a comprehensive messaging solution, the messaging version of SGI Internet Server is complemented by MessagingDirect M-Store mail hosting software. MessagingDirect is the world's leading developer of standards-based electronic messaging and directory software for e-business. Its applications are based on a secure, embedded messaging foundation and have been optimized for SGI Internet Server. The combined solution offers superior management tools as well as a robust and highly secure messaging solution that can be easily integrated into a larger commercial environment.

## Designed for Your Bottom Line

SGI Internet Server is designed to provide rack-and-stack scalability, letting service providers expand their messaging offerings with ease and at minimal expense. SGI Internet Server for messaging makes it easy to deploy additional systems as needs change. With integrated support for up to 15,000 mailboxes, SGI Internet Server provides exceptional price and performance within a small 2U footprint that takes up minimal rack space. Equally important are the system administration and maintenance cost reductions inherent in a streamlined, easy-to-manage commercial messaging solution.



SGI Internet Server includes integrated administration tools for lights-out management, system monitoring, security, troubleshooting, and networking.

SGI reduces support costs by offering complete single-point-of-call support for hardware and software, with a timely response from the world-class SGI global support and services organization. Customers are able to tier their support levels, with annual contracts and per-incident support products available for both the application software and the operating system.

## Rely on SGI for Affordable Internet Server Solutions

SGI Internet Server for messaging is the most viable messaging solution for service providers interested in taking advantage of the reliability of the Linux operating system. Coupled with robust MessagingDirect software, SGI Internet Server offers powerful performance at an affordable price.

SGI Internet Server is part of the SGI Media Commerce™ solutions suite of products that enable customers to transact content over a vast range of network infrastructures.

## SGI Internet Server Messaging

### Features and Specifications

<p><b>Manageability</b></p> <ul style="list-style-type: none"> <li>Partitioning and delegated administration to create multiple virtual messaging servers in a hosting environment with multidomain administration capabilities</li> <li>Intuitive commercial GUI provides ease of setup, management, and administration of messaging and hosting environment and allows access to activity and error logs and end-user quota information</li> </ul>	<p><b>Dimensions and Weights</b></p> <p>Rack-mount 3.5" [2U] x 19" x 25.25" 8.89 cm x 48.26 cm x 64.14 cm</p> <p>Weight 50 lb minimum configuration [22.68 kg]</p> <p>Shipping weight 75 lb [34.01 kg] maximum, including packaging and documentation</p>	<ul style="list-style-type: none"> <li>Hardware support upgrades Available for same day or 7x24 on-site response</li> <li>Software support upgrades Optional upgrades and optional 7x24 annual contracts available</li> </ul>
<p><b>Performance</b></p> <ul style="list-style-type: none"> <li>Embedded database and external caching minimize latency of data delivery via cache/indexing, freeing up I/O and the database for other functions</li> </ul>	<p><b>Operating System Support</b></p> <p>Red Hat® Linux 6.1 For most current list, see <a href="http://www.sgi.com/software/linux/tech_info.html">www.sgi.com/software/linux/tech_info.html</a></p>	<p><b>Environmental and Regulatory</b></p>
<p><b>Security</b></p> <ul style="list-style-type: none"> <li>Internet Standards Authentication Schemes enable a mail server with secure remote access capabilities [SASL support for CRAM-MD5, Kerberos V4, and DIGEST-MD5]</li> </ul>	<p><b>Processor Support</b></p> <ul style="list-style-type: none"> <li>Microprocessor Intel® Pentium® III CPU</li> <li>CPU capacity 1-2 CPUs</li> <li>Clock speed 550 MHz, 700 MHz</li> <li>Primary caches 32KB [16KB data/16KB instruction] nonblocking</li> <li>Advanced transfer cache 256KB unified, nonblocking, full-speed, on-die cache</li> </ul>	<ul style="list-style-type: none"> <li>Environmental [nonoperating] -40°C to +70°C</li> <li>Environmental [operating] +10°C to +35°C</li> <li>Electrical and power 115 V/60 Hz; 230 V/50 Hz</li> <li>Regulatory Meets or exceeds following requirements: -U.S./Canada UL 1950, 3rd Edition [UL and cUL] -Europe/CE Mark EN 60 950, German GS Mark to EN 60 950</li> <li>-International Certified by NEMKO to meet requirements of EN 60 950 with amendments and Nordic deviations and IEC 950 with amendments</li> </ul>
<p><b>Scalability</b></p> <ul style="list-style-type: none"> <li>Symmetric multiprocessing for multiple CPUs distributes load across multiple processors without noticeable performance degradation</li> <li>Multithreaded MessagingDirect software</li> </ul>	<p><b>System Memory</b></p> <ul style="list-style-type: none"> <li>Memory capacity Up to 2GB SDRAM, ECC protected</li> <li>Memory bandwidth 800MB/sec</li> </ul> <p><b>System Features</b></p> <ul style="list-style-type: none"> <li>System bus speed 100 MHz</li> <li>I/O bandwidth 133MB/sec [1064Mb/sec] peak</li> <li>RAS features Lights-out management port Hot pluggable internal drives</li> </ul>	<ul style="list-style-type: none"> <li>Electromagnetic compatibility [EMC] -U.S. FCC CFR 47 Part 15 Class A -Canada Complies with limits for radio noise emissions for Class A digital apparatus as required by Industry Canada [IC]</li> <li>-Europe/CE Mark EN55022 and EN50082-2 [CE Mark complies with EU EMC Directive 89/336/EEC]</li> <li>-International CISPR 22, Class A</li> <li>-Japan VDDI, Class 2 [based on CISPR 22 requirements]</li> </ul>
<p><b>Reliability</b></p> <ul style="list-style-type: none"> <li>Fault tolerance: Mylex RAID spreads data across four disks, making information readily available</li> <li>Online backup/recovery saves all messages as a precautionary safety measure</li> </ul>	<ul style="list-style-type: none"> <li>Cooling Two fans for hard drive bay One fan for the power supply Heat sink fans on CPU</li> </ul>	
<p><b>Easy Deployment</b></p> <ul style="list-style-type: none"> <li>The turnkey solution includes all the necessary setup scripts to minimize installation time</li> </ul>	<ul style="list-style-type: none"> <li>Keyboard/mouse port 2 PS/2, 8240A compatible</li> <li>Serial ports 2 asynch, RS-232C, 9-pin</li> <li>Parallel port 1 IEEE 1284, 25-pin bidirectional</li> </ul>	
<p><b>Application</b></p> <ul style="list-style-type: none"> <li>MessagingDirect M-Store is a commerce-class messaging solution that supports and satisfies the most stringent e-commerce requirements for reliability and backup, links key Internet mail protocols, and offers enhanced compatibility and unprecedented server control</li> </ul>	<p><b>Networking and Storage</b></p> <ul style="list-style-type: none"> <li>CD-ROM drive 32X max. speed ATAPI CD-ROM drive preinstalled</li> <li>Floppy drive 3.5" x 1.0" 1.44MB floppy disk drive preinstalled</li> <li>I/O channels One 32-bit Peer PCI channel running at 33 MHz</li> <li>I/O slots 2 PCI slots</li> <li>Internal storage 1 LVDS SCSI channel 4 Ultra2 SCSI hot swap drive bays capacity</li> </ul>	<p><b>Solution Scalability</b></p> <ul style="list-style-type: none"> <li>Based upon SGI™ I200 platform</li> <li>2U rack-mountable SGI Internet Server for messaging</li> <li>Up to 19 servers in a full rack configuration</li> <li>Up to 1.37TB of internal storage in a full rack configuration</li> <li>Optional hardware upgrades are available to increase memory, CPU, or storage as required</li> </ul>
<p><b>Minimum Configuration</b></p> <ul style="list-style-type: none"> <li>2 550 MHz CPUs</li> <li>1 18GB system drive</li> <li>3 18GB option drives</li> <li>512MB RAM</li> <li>1 PCI AcceleRAID Mylex 250 card</li> <li>1 built-in 10/100Base-T Ethernet port</li> <li>Includes support for up to 15K mailboxes [3MB size]</li> </ul>	<ul style="list-style-type: none"> <li>Ethernet port 1 10/100Mb/sec auto-switch Ethernet port [Intel 82c559]</li> <li>External SCSI Single-ended Ultra SCSI, 68-pin</li> </ul> <p><b>Support and Warranty</b></p> <ul style="list-style-type: none"> <li>Warranty Three-year hardware warranty, year one with next-business-day response, years two and three parts-only</li> <li>Software support 90 days advisory support [business hours]</li> </ul>	<p>For more information please visit: <a href="http://www.sgi.com/go/broadband">www.sgi.com/go/broadband</a></p>



**Corporate Office**  
1600 Amphitheatre Pkwy.  
Mountain View, CA 94043  
[650] 960-1980  
[www.sgi.com](http://www.sgi.com)

North America [800] 800-7441  
Latin America [650] 933-4637  
Europe [44] 118.925.75.00  
Japan [81] 3.5488.1811  
Asia Pacific [65] 771.0290