

# GSC Series Compute Servers

## ▶ COMPUTING POWER

**Populate your datacenter with our energy-efficient line of GSC Compute Servers.**

Maximum compute power, minimum power usage. Green Rack Systems' GSC Series is designed to give you the best of both worlds for your application.

Utilizing best of breed non-proprietary components, the GSC Series will provide the most computing power while reducing power use. With your choice of the latest CPU's from both Intel and AMD, we can customize a solution to meet your computing needs.

Performance can also be custom-tailored with your choice of hard drive technology. SATA hard drives are standard. If you need higher-performance, you can upgrade to SCSI or SAS hard drives.

For maximum performance, conventional dual-core and quad-core CPU's are also available. Using quad-core CPU's, up to 336 cores can be installed in a standard 42U cabinet. For memory intensive applications, systems can be populated with up to 64GB of RAM.

## ▶ ENERGY SAVINGS

**High-Efficiency Power Supplies reduce cooling requirements and increase system reliability.**

**Available low-wattage CPU's reduce power consumption and thermal output.**

**Systems require less cooling.**

**Dual-core and Quad-core CPU's for maximum computing density.**

**Optional Remote Server Management.**

## ▶ FEATURES

**Low-wattage CPU's**

**Maximum CPU density**

**Non-Proprietary Components**

**High-Efficiency Power Supplies**

**SATA, SCSI, or SAS Drive Options**

**Industry Standard 19" IU Rackmount**

## ▶ BENEFITS

**Lower Cooling Requirements**

**Lower Power Consumption**

**Lower Ownership Costs**

**Lower Operating Costs**

**Lower Service Costs**



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Phone: 408-727-7990  
Fax: 408-727-7917  
E-mail: [sales@GreenRackSystems.com](mailto:sales@GreenRackSystems.com)  
Web: <http://www.GreenRackSystems.com>

Green Rack Systems, Inc.  
1900 Wyatt Drive #15  
Santa Clara  
CA 95054

# GSC Series Compute Servers



| Series                                             | GSC-1004                                                   |
|----------------------------------------------------|------------------------------------------------------------|
| <b>Rackmount Chassis</b>                           | 1U, Standard 19" Rackmount                                 |
| <b>Processors</b>                                  | Up to 2 dual- or quad-core Intel Xeon or AMD Opteron CPU's |
| <b>Maximum # of CPU Cores</b>                      | 8 (2x quad-core CPU's)                                     |
| <b>Memory</b>                                      | Up to 32GB (Intel)<br>Up to 64GB (AMD)                     |
| <b>Hard Drives</b>                                 | Up to four 3.5" Hot-Swap SATA, SCSI, or SAS (Max. 4TB)     |
| <b>RAID Levels (Optional, May Require HW RAID)</b> | JBOD, 0, 1, 5, 6, 10                                       |
| <b>Networking</b>                                  | Dual GigE, On-board                                        |
| <b>Expansion Slots</b>                             | PCI-Express or PCI-X (per configuration)                   |
| <b>Video Output</b>                                | VGA, up to 16MB                                            |
| <b>Remote Management (Optional)</b>                | IPMI v2.0 with available KVM over LAN                      |
| <b>Power Supply</b>                                | Single Auto-Switching, 110-220VAC                          |
| <b>Dimensions (HxWxD)</b>                          | 1.75"x17.3"x28.5"                                          |

## Order Codes

| PRODUCT              | # of CPU's | Type of CPU |                   | Maximum RAM | Type of HDD |
|----------------------|------------|-------------|-------------------|-------------|-------------|
| <b>GSC-1104-A2SA</b> | 1          | AMD         | Dual-Core Opteron | 32GB        | SATA        |
| <b>GSC-1204-A2SA</b> | 2          | AMD         | Dual-Core Opteron | 64GB        | SATA        |
| <b>GSC-1104-A3SA</b> | 1          | AMD         | Quad-Core Opteron | 32GB        | SATA        |
| <b>GSC-1204-A3SA</b> | 2          | AMD         | Quad-Core Opteron | 64GB        | SATA        |
| <b>GSC-1104-A2SC</b> | 1          | AMD         | Dual-Core Opteron | 32GB        | SCSI        |
| <b>GSC-1204-A2SC</b> | 2          | AMD         | Dual-Core Opteron | 64GB        | SCSI        |
| <b>GSC-1104-A3SC</b> | 1          | AMD         | Quad-Core Opteron | 32GB        | SCSI        |
| <b>GSC-1204-A3SC</b> | 2          | AMD         | Quad-Core Opteron | 64GB        | SCSI        |
| <b>GSC-1104-I2SA</b> | 1          | Intel       | Dual-Core Xeon    | 16GB        | SATA        |
| <b>GSC-1204-I2SA</b> | 2          | Intel       | Dual-Core Xeon    | 32GB        | SATA        |
| <b>GSC-1104-I3SA</b> | 1          | Intel       | Quad-Core Xeon    | 16GB        | SATA        |
| <b>GSC-1204-I3SA</b> | 2          | Intel       | Quad-Core Xeon    | 32GB        | SATA        |
| <b>GSC-1104-I2SC</b> | 1          | Intel       | Dual-Core Xeon    | 16GB        | SCSI        |
| <b>GSC-1204-I2SC</b> | 2          | Intel       | Dual-Core Xeon    | 32GB        | SCSI        |
| <b>GSC-1104-I3SC</b> | 1          | Intel       | Quad-Core Xeon    | 16GB        | SCSI        |
| <b>GSC-1204-I3SC</b> | 2          | Intel       | Quad-Core Xeon    | 32GB        | SCSI        |

Please contact Green Rack Systems for a complete range of available custom configurations.  
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Specifications are subject to change.

**GREENRACK  
SYSTEMS**



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Phone: 408-727-7990  
Fax: 408-727-7917  
E-mail: [sales@GreenRackSystems.com](mailto:sales@GreenRackSystems.com)  
Web: <http://www.GreenRackSystems.com>

Green Rack Systems, Inc.  
1900 Wyatt Drive #15  
Santa Clara  
CA 95054