

# Sun Fire™ V100 Server



The compact, rack-optimized server that delivers quality, performance, and availability at an unheard-of price.

## Highlights

- High performance—550- or 650-MHz UltraSPARC® Ili processors, maximum 2 GB RAM, dual 10/100Base-T Ethernet, and up to two 80-GB disk drives.
- Full, out-of-the-box functionality—Includes free Solaris™ 8 Operating System; licenses for the Sun Java™ System Web Server, Enterprise Edition; and Sun™ Java System Active Server Pages.
- Free, full-function Web server software installed—Sun Java System Web Server software and Sun Java System Active Server Pages software are all pre-loaded, giving you a complete Web server solution.
- Maximized system availability—The System Configuration Card (SCC) allows you to store a system's host ID, MAC address, and NVRAM settings to another server while you perform routine maintenance. As a result, system downtime is minimized.
- Remote administration—Lights Out Management (LOM) allows you to monitor and manage multiple Sun Fire™ V100 servers from a single console. Automatic Server Restart gives you the ability to restart without intervention in the event of a system failure.
- Sun Fire V100 is the entry point for Sun's line of rack-optimized SPARC® servers.

## Exceptional performance in a rack-optimized package.

The single-processor Sun Fire V100 server delivers performance, manageability, and value at a breakthrough price. It has everything you need out-of-the-box—all Sun Fire V100 systems come preinstalled with Solaris 8 Operating System, and include free licenses for the Sun Java System Web Server, Enterprise Edition, and Sun Java System Active Server Pages. The entry point into Sun's line of rack-optimized servers (and the lowest-price branded UNIX® server on the market), the Sun Fire V100 features an array of advanced management and maintenance features at a sub-\$1,000 price point. It also employs standard PC memory, IDE disk drives, CD-ROM, a System Configuration Card, and Lights Out Management for lower total cost of ownership. The entry configuration comes with a 550-MHz UltraSPARC® Ili processor, a complete copy of the Solaris 8 Operating System preinstalled, 256 MB of RAM (2 GB maximum), dual 10/100Base-T Ethernet, and an 80-GB disk drive (two drives maximum).



# Sun Fire V100 Server Specifications

## Processor Options

|              |                                                                                                        |
|--------------|--------------------------------------------------------------------------------------------------------|
| Architecture | Superscalar SPARC Platform Version 9, 550-MHz or 650-MHz processor<br>UltraSPARC III, single processor |
| Cache        | 16-KB data and 16-KB instruction on chip<br>Secondary: 512-KB on chip                                  |

## Main Memory

|  |                                                            |
|--|------------------------------------------------------------|
|  | PC133 registered buffered ECC DIMMs<br>2 GB maximum memory |
|--|------------------------------------------------------------|

## Standard Interfaces

|                                                  |                                                                                     |
|--------------------------------------------------|-------------------------------------------------------------------------------------|
| Network                                          | Dual Ethernet/FastEthernet, STP (10/100Base-T)                                      |
| Serial                                           | Two RS-232C/RS-423 serial ports (RJ45)                                              |
| USB                                              | Two OHCI-compliant interfaces                                                       |
| System Configuration Reader and Card (removable) | Rear-accessible for transfer of system configuration information, including host ID |

## Mass Storage and Media

|                   |                                         |
|-------------------|-----------------------------------------|
| Internal CD Speed | 644-MB SuperSlim CD-ROM, 24X            |
| Internal Disk     | Up to two 3.5-in. x 1-in. disks (80 GB) |

## Software

|                  |                                                                          |
|------------------|--------------------------------------------------------------------------|
| Operating System | Solaris 8 and Solaris 9 Operating Systems                                |
| Languages        | Java™ programming language; all other standard Sun-supported languages   |
| Networking       | ONC™/NFS, TCP/IP, SunLink™ OSI, MHS, IPX™/SPX, DCE                       |
| Management       | Sun™ Management Console, SNMP, SunVTS™, SRS Ready, Lights Out Management |

## Environment

|                |                                                                                |
|----------------|--------------------------------------------------------------------------------|
| AC Power       | 90–264 V AC (47–63 Hz); Nominal: 51W                                           |
| Input Current  | 1.3 A/0.65A                                                                    |
| BTU/hr.        | Maximum: 280; Nominal: 148 (550-MHz or 650-MHz CPU)                            |
| Operating      | 5° C to 40° C (41° F to 104° F) 5% to 85% relative humidity, noncondensing     |
| Nonoperating   | -40° C to 70° C (-40° F to 158° F) 10% to 95% relative humidity, noncondensing |
| Acoustic Noise | Less than 60 dBA operating                                                     |

## Regulations

|                |                                                                                                                                  |
|----------------|----------------------------------------------------------------------------------------------------------------------------------|
| Safety         | Meets or exceeds the following requirements:<br>UL 1950/CSA C22.2 No. 950, EN 60950 (73/23/EEC), IEC 950, CCIB for PSU, GOSTMark |
| Emissions      | CFR Title 47 FCC Part 15, EN 55022 (89/336/EEC)                                                                                  |
| Immunity       | EN55024 (89/336/EEC)                                                                                                             |
| Certifications | Safety: cULus Mark, TUV GS Mark, CE Mark, EMC: CE Mark (93/68/EEC), FCC authorized Class A, VCCI, BSMI, CTICK                    |

## Dimensions and Weight

|           |                                     |
|-----------|-------------------------------------|
| Chassis   |                                     |
| Height    | 44.0 mm (1.7 in.)                   |
| Width     | 437.2 mm (17.2 in.)                 |
| Depth     | 487.4 mm (19.2 in.)                 |
| Weight    | 9.0 kg (19.8 lb.)                   |
| Enclosure | Fits 19-, 23-, 24-in., 600-mm racks |

## Key Applications

Audio/video streaming  
Directory services  
Threat management  
Virus detection  
Network management  
Bandwidth/resource management  
Web server  
News server  
Mail server  
Online store  
Caching  
Firewall

Get the details.

Find out more about the Sun Fire V100 — an ideal, low-cost solution for Web serving, firewall, and other network infrastructure tasks — by visiting [sun.com/v100](http://sun.com/v100).

Sun Microsystems, Inc. 4150 Network Circle, Santa Clara, CA 95054 USA Phone 1-650-960-1300 or 1-800-555-9SUN Web [sun.com](http://sun.com)



**Sun Worldwide Sales Offices:** Argentina +5411-4317-5600, Australia +61-2-9844-5000, Austria +43-1-60563-0, Belgium +32-2-704-8000, Brazil +55-11-5187-2100, Canada +905-477-6745, Chile +56-2-3724500, Colombia +571-629-2323, Commonwealth of Independent States +7-502-935-8411, Czech Republic +420-2-3300-9311, Denmark +45-4556 5000, Egypt +202-570-9442, Estonia +372-6-308-900, Finland +358-9-525-561, France +33-134-03-00-00, Germany +49-89-46008-0, Greece +30-1-618-8111, Hungary +36-1-489-8900, Iceland +354-563-3010, India-Bangalore +91-80-2298989/2295454; New Delhi +91-11-6106000; Mumbai +91-22-697-8111, Ireland +353-1-8055-666, Israel +972-9-9710500, Italy +39-02-641511, Japan +81-3-5717-5000, Kazakhstan +7-3272-466774, Korea +82-2-193-5114, Latvia +371-750-3700, Lithuania +370-729-8468, Luxembourg +352-49 11 33 1, Malaysia +603-21161888, Mexico +52-5-258-6100, The Netherlands +00-31-33-45-15-000, New Zealand-Auckland +64-9-976-6800; Wellington +64-4-462-0780, Norway +47 23 36 96 00, People's Republic of China-Beijing +86-10-6803-5588; Chengdu +86-28-619-9333, Guangzhou +86-20-8755-5900; Shanghai +86-21-6466-1228; Hong Kong +852-2202-6688, Poland +48-22-8747800, Portugal +351-21-4134000, Russia +7-502-935-8411, Saudi Arabia +9661 273 4567, Singapore +65-6438-1888, Slovak Republic +421-2-4342-9485, South Africa +27 11 256-6300, Spain +34-91-767-6000, Sweden +46-8-631-10-00, Switzerland-German 41-1-908-90-00; French 41-22-999-0444, Taiwan +886-2-8732-9933, Thailand +662-344-6888, Turkey +90-212-335-22-00, United Arab Emirates +9714-3366333, United Kingdom +44 0 1252 420000, United States +1-800-555-9SUN or +1-650-960-1300, Venezuela +58-2-905-3800, or online at [sun.com/store](http://sun.com/store)

**SUN™** THE NETWORK IS THE COMPUTER ©2004, Sun Microsystems, Inc. All rights reserved. Sun, Sun Microsystems, the Sun logo, IPX, Java, Netra, ONC, Solaris, Sun Developer Connection, Sun Fire, SunLink, and SunVTS are trademarks, registered trademarks, or service marks of Sun Microsystems, Inc. in the United States and other countries. UNIX is a registered trademark in the United States and other countries, exclusively licensed through X/Open Company, Ltd. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc., in the United States and other countries.