

# 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 UltraSPARC Ili, single processor
Cache	16-KB data and 16-KB instruction on chip Secondary: 512-KB on chip

## Main Memory

	PC133 registered buffered ECC DIMMs 2 GB maximum memory
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## 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: 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).

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