

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.

