



Sun Fire™ V215 Server

Industry-leading reliability, availability and serviceability.



Key Feature Highlights

- Rack-optimized, 1 RU/24-inch depth design
- Up to two 1.5 GHz UltraSPARC® IIIi processors
- 16 GB memory capacity
- Up to two 73 GB SAS 2.5-inch disks
- Two PCI slots
- Redundant power supplies
- Four integrated Gigabit Ethernet ports
- Comes with Solaris™ Operating System, remote management, Sun Java™ Enterprise System software, and a variety of I/O connectivity—all standard
- Protect your IT investments while improving performance with the Sun Upgrade Advantage Program. Learn more at sun.com/tradeins

➤ Superior Performance Combined with Industry-Leading Functionality

Industry-leading reliability, availability and serviceability features, coupled with the Solaris™ OS, make the Sun Fire™ V215 server the ultimate high-density, rack-optimized server. Powered by up to two 1.5 GHz UltraSPARC® IIIi processors in a compact, 1 RU form factor, the Sun Fire V215 server is a true all-in-one solution. Hot-plug, front-accessible SAS disks and redundant power supplies make the Sun Fire V215 reliable and easy to maintain, service and upgrade, while the unit's Advanced Lights Out Management (ALOM) simplifies remote management. Expanded I/O slots and four Gigabit Ethernet ports provide multiple connectivity for high-speed, high bandwidth networking – without sacrificing a PCI slot. Support for Solaris 9 and 10 OS, one of the most secure and reliable Operating Systems available, allows the Sun Fire V215 server to fit into existing infrastructures and scale as the business grows.

Sun Fire V215 Server Specifications

Processor Options

Processor	One or two 1.5 GHz UltraSPARC IIIi
Architecture	64-bit, 4-way superscalar SPARC® V9
Cache	64 KB data, 32 KB instruction, and 1 MB integrated L2 cache

Main Memory

4 DIMM slots per processor, registered DDR-1 SDRAM (PC2700) 128 bit + ECC data bus system configurations from 1 GB to 16 GB

Standard/Integrated Interfaces

Network	Four 10/100/1000 Base-T Ethernet
Network Management	One 100Base-T Ethernet
Serial Management	One TIA/EIA-232-F (RJ45) port

Serial Port	One asynchronous (RJ45) serial communications port
USB	One USB 1.1 port supporting speeds of 12 Mbps and two USB 2.0 ports supporting speeds of 480 Mbps
Expansion Bus	One PCI-X 133 MHz/64-bit full height/short slot One PCIe low profile/short x8 lane slot with 16-way connector
System Configuration	Removable ID Module on motherboard

Mass Storage and Media

Internal Disk	Up to two hot-plug 73 GB SAS disks
Internal DVD	One slimline ATAPI DVD-Dual drive
External Disk	Sun StorageTek™ A5100/A5200 Arrays Sun StorageTek S1 Array Sun StorageTek T3B Array Sun StorageTek D240 Media Tray Sun StorageTek 3120 SCSI Array and SCSI RAID/JBOD Array Sun StorageTek 3120 SCSI Array Sun StorageTek 3310 SCSI RAID/JBOD Array Sun StorageTek 3320 Array Sun StorageTek 3330 ELA Array Sun StorageTek 3510 FC RAID/JBOD Array Sun StorageTek 3511 FC Array with SATA RAID/JBOD Array Sun StorageTek 5310 Array Sun StorageTek 99xx series Sun StorageTek 6130 with Management Software Unity 3.1 Sun StorageTek 6140 Array Sun StorageTek 6540 Array Sun StorageTek 6920 Array Sun StorageTek 6940 Systems
External Tape	Sun StorageTek DAT 72 tape drives, USB and SCSI, desktop and rackmount Sun StorageTek LTO 2 half-height tape drives, desktop and rackmount Sun StorageTek LTO 2 tape drive, desktop Sun StorageTek LTO 3 tape drive, desktop and rackmount Sun StorageTek SDLT 600 tape drive, desktop and rackmount Sun StorageTek L8 tape autoloader SDLT320 and LTO 2 Sun StorageTek L25 LTO 2 Sun StorageTek L100 LTO 2 Sun StorageTek L500 with LTO 2, LTO 3 and SDLT 600 drives Sun StorageTek C2 autoloader with LTO 2 HH, LTO 3 and SDLT 600 drives Sun StorageTek C4 with LTO 2, LTO 3 and SDLT 600 drives Sun StorageTek C4 Native FC with LTO 3 and SDLT 600 drives FC bridge card for Sun StorageTek C4 with LTO 2, LTO 3, and SDLT 600 drives

Software

Operating System	Solaris 10 OS beginning with 06/06 Solaris 9 OS beginning with 09/05 Solaris 10 preinstalled
Languages	C/C++, FORTRAN, Sun Java™ programming language; all other standard Sun-supported languages
Networking	ONC™, NFS, TCP/IP, SunLink™, OSI, MHS, IPX™/SPX
Management	Sun™ Management Center Sun SNMP Management Agent Advanced Lights Out Management (ALOM) Sun Net Connect Sun Update Connection
Sun Java™ Enterprise System*	Studio 11 software (preinstalled) Sun Java™ Enterprise System Release 4 (preinstalled)

Regulation (meets or exceeds the following requirements)

Safety	IEC60950, UL/CSA60950, EN60950
RFI/EMI	FCC Class A, Part 15 47 CFR, EN55022, CISPR 22
Immunity	EN55024
Certifications	
Safety	cULus Mark, TUV GS Mark, CE Mark, S-Mark, CCC, GOST
EMC	CE Mark (93/68/EEC), FCC authorized Class A, ICES, VCCI, BSMI, CTICK, MIC, CCC, GOST
RoHS	RoHS-compliant with lead-in solder exemption

Dimensions and Weight

Chassis	H - 44.45 mm (1.7 in.) W - 457.2 mm (18 in.) D - 609.6 mm (24 in.)
Weight	12 kg (26.4 lb.) fully configured; 15.6 kg (34.31 lb.) with rackmount rails and cable management arm
Enclosure	Fits into a standard 19-inch-wide rack. Four-post rack kit adjustable between 720 mm and 925 mm

Key Applications

Web Server
Security
Application Development
Portal Gateway
Grid Engine
Technical Computing

Get the details.

Learn more about the Sun Fire V215 – a feature-rich, ready-to-deploy, 1 RU server for web serving, security applications, technical computing, and other network services – by visiting: sun.com/V215

Power Supplies

One power supply
Maximum DC output 320 W

Environment

AC power	90 - 264 V AC (47 - 63 Hz)
Operating Temperature	5° C to 35° C (41° F to 95° F), 10% to 90% relative humidity, non-condensing, 27° C max. wet bulb
Non-Operating Temperature	-40° C to 65° C (-40° F to 149° F), up to 93% relative humidity, non-condensing, 38° C max. wet bulb
Operating Altitude	Up to 3,000 m, maximum ambient temperature is derated by 2° C per 500 m above 500 m
Non-Operating Altitude	Up to 12,000 m
Acoustic Noise	Less than 7.3B sound power in ambient temperature of up to 24° C

* 90 day evaluation version