

Sun Fire™ V60x Server



The sleek, powerful, two-way Intel Xeon server for a wide range of compute-intensive environments.

Key feature highlights

The horizontal computing solution:

An ideal enterprise solution for Web infrastructure computing, corporate compute farms, hosting, and custom-application deployment.

Complete system management:

Coupling the Sun™ Control Station and IPMI simplifies daily operations, helping to lower TCO.

Supports standard Linux distributions or the Solaris™ Operating System:

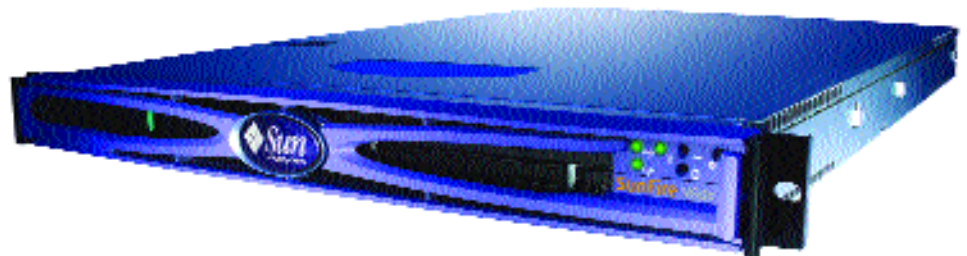
Fully tested with several standard Linux distributions and a variety of Sun development tools. The highly robust Solaris Operating System is also available and supported as an option.

World-class Sun support:

A single, highly responsive source for the same service experience and industry-best practices you've grown to trust for all of your Sun products.

Putting entry servers in overdrive.

As IT environments become more complex, companies are searching for a powerful, reliable, easily managed, general-purpose server for a wide range of demanding tasks—and the Sun Fire™ V60x entry-level server fits the bill. Dual Intel Xeon processors, the option of either Red Hat Enterprise Linux, SuSE Linux Enterprise Server, or the Solaris Operating System, and available Sun Java™ System (formerly Sun™ONE) applications make it an ideal solution for building out network-edge environments, compute farms, or small workgroup/database servers. In addition, support for Web-based applications, databases, and streaming media make it a natural choice for building out your applications and Web services. And with cross-platform support for standard Linux distributions, the Solaris Operating System, UNIX®, and Java™ technologies, it's a powerful—and reliable—platform that provides investment protection for software developers and enterprise customers.



Sun Fire V60x Specifications

Architecture

Processor	Single or dual 2.8-GHz, 3.06-GHz, or 3.2-GHz Intel Xeon
Cache	1 MB cache (3.2-GHz) 512 KB cache (2.8/3.06-GHz)
Memory (min./max.)	512 MB/6 GB
Front side bus	533 MHz
Chipset	Intel E7501
Ethernet port	Dual Integrated 10/100/1000-NIC
Embedded SCSI	Dual-channel Ultra320 SCSI
Bays	Two SCSI HDD bays, one 24x CD-ROM/floppy or optional 8x DVD-ROM/floppy or third HDD bay
Drives	36-GB and 73-GB (10K RPM) Ultra320 SCSI drives supported
I/O slots	Two 64-bit/100-MHz PCI-X slots, one full size and one low profile
Video ports	ATI Rage XL (front and rear), one RS232 RJ45 connector (rear accessible), three USB ports (one front, two rear), rear Ultra320 SCSI connector, VGA video connector (front and rear)
Remote management	IPMI and DMI compliant, Management Service Processor
Serviceability	Tool-free case Reduced internal cabling

Operating Systems

Red Hat Enterprise Linux
SuSE Linux Enterprise Server
Solaris Operating System

Optional Software Available

Solaris Operating System: Java 2 Standard Edition, SunScreen™ (firewall), MySQL (database), Apache (Web server), WU-FTP (FTP), Sendmail (e-mail server), Bind (DNS server), and Sun Grid Engine

Additional Solaris solutions running on x86 can be found at: <http://www.sun.com/software/solaris/x86/index.html>

Environmental

Ambient Temperature	
Operating temperature:	+10°C to +35°C
Nonoperating temperature:	-40°C to +70°C
Vibration	
Operating vibration:	0.15 G z-axis; 0.10 G x- and y-axis, 5 to 500 Hz sine
Nonoperating vibration:	0.5 G z-axis; 0.25 G x- and y-axis, 5 to 500 Hz sine
Shock	
Operating shock:	3 G, 11 ms, half-sine

LEDs

Front-panel LEDs	Network1, Network2, Power, System Status/Fault, Hard Disk Activity, System ID
Rear-panel LEDs	Network Connection/Activity, Network Speed, System ID, Self-test, Power Supply

Power

100-240 V, 50/60 Hz, 350 W PFC supply, dual redundant fans

Regulations

Meets or exceeds the following regulations:
FCC Class A, CISPR 22A, VCCI-A, UL, CE, Aустel, BSMI, GOST R, MIC, Nemko GS, Canada ICES-003 Class A

Dimensions and Weight

Height	1.69 in. (43 mm)
Width	16.93 in. (430 mm)
Depth	23.89 in. (609 mm)
Weight	Approximately 35 lbs. (unpacked two-drive server), approximately 40 lbs. (packaged)

Mounting Options

Four-post mount
Two-post midmount
Two-post front mount

See Also: Sun Fire Blade Platform



- Supports up to 16 blades in a 3U chassis
- Hot-swappable Customer Replaceable Units (CRUs)
- Gigabit Ethernet switch fabric

The Sun Fire Blade Platform is the only blade platform that lets you mix, match, and manage SPARC® and x86 architectures; Solaris and Linux operating systems; and specialty blades. The Sun Fire Blade Platform is designed for customers who need high availability, horizontally scalable processing power, and lower total cost of ownership.

More at: <http://www.sun.com/servers/entry/blade>