

The expandable computing solution: The ideal enterprise solution for edge computing, corporate compute farms, hosting and custom-application deployment.

Complete system management: Coupling the Sun Control Station and IPMI simplifies daily operations helping lower TCO.

Supports Standard Linux Distributions or Solaris Operating System: System fully tested with several Standard Linux Distributions and a variety of Sun development tools. The Solaris Operating System is also available 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.

On the Web | <http://www.sun.com/servers/entry/v65x>

Sun Fire™ V65x Server

The powerful, expandable two-way Intel® Xeon™ server for compute-intensive environments.



Choice, performance and flexibility.

Fast enough to handle the toughest modeling and simulation applications. Flexible enough to grow with your needs for years to come. Designed and priced to improve your Total Cost of Ownership. The Sun Fire™ V65x server is a dual-processor, rack-mounted server that uses the latest Intel® Xeon™ processors, providing high performance and reliability at PC server pricing. The Sun Fire V65x server combines aggressive power with the Sun™ core values of openness, flexibility and simplified loading and management of servers. It will run either Standard Linux Distributions or the Solaris x86 Operating System with support for Sun ONE middleware on both Operating Environments. And with cross-platform support for Standard Linux Distributions, 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 V65x Server

Specifications

Architecture

| | |
|--------------------------|--|
| Processor | Single or Dual Intel Xeon (2.8 GHz or 3.06 GHz) |
| Cache | 512-KB Level 2 cache |
| Memory (min/max) | 512 MB/12 GB |
| Front Side Bus | 533 MHz |
| Chipset | Intel E7501 |
| Ethernet Port | Dual Integrated 10/100/1000-NIC |
| Embedded SCSI | Dual Channel Ultra320 SCSI |
| Bays | Six SCSI HDD bays One CD-ROM/floppy or optional DVD-ROM/floppy |
| Drives | 36 GB and 73 GB (10K RPM) Ultra320 SCSI drives supported |
| I/O Slots | Six 64-bit/100-MHz PCI-X slots three full size and three low profile |
| Video | ATI Rage XL (front and rear) |
| Ports | 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 Environments

| | |
|-------------------------|---|
| Operating system | Standard Linux Distributions, Solaris Operating System |
|-------------------------|---|

Optional Software Available

Solaris Operating System: Java 2 Standard Edition, SunScreen™ (Firewall), MySQL (Database), Apache (Web Server), WU-FTP (FTP), Sendmail (Email 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, 500 W Dual PFC supply, dual (redundant) fans

Regulations

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

Dimensions and Weight

| | |
|---------------|--|
| Height | 3.50 in. (87 mm) |
| Width | 16.93 in. (430 mm) |
| Depth | 25.51 in. (648 mm) |
| Weight | Approximately 50 lb. (unpacked two-drive server), approximately 55 lb. (packaged) |

Mounting Options

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

Get the details.

Find out more about the Sun Fire V65x server—an ideal, expandable solution for technical compute farms, Grid-computing implementations, applications, workgroup servers, development servers or general-purpose Tier 1 or 2 servers—by visiting:
www.sun.com/servers/entry/v65x.

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 & manage SPARC® & x86 architectures, Solaris & 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>

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We make the net work.