

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

Complete system management: Coupling the Sun Cobalt Control Station and Lights-Out Management simplifies daily operations helping lower TCO. In addition, integrated SNMP-based support allows usage of existing systems-management solutions.

Supports Linux and Solaris operating environments: System ships with reliable, fully tested Sun Linux 5.0 and a variety of Sun development tools. The highly robust Solaris operating environment 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.

On the Web | <http://www.sun.com/LX50/>

Sun™ LX50 Server

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



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™ LX50 entry-level server fits the bill. Dual processors, with the option of either the Linux or Solaris operating environment, and Sun ONE applications make it an ideal solution for building out network-edge environments, compute farms or custom application deployments. With support for Web-based applications, databases and streaming media, it's a natural choice for building out your applications and Web services. And with cross-platform support for Linux, Solaris™ Operating Environment, UNIX®, Java™ and Windows technologies, it's a powerful—and reliable—platform that provides investment protection for software developers and enterprise customers.



Sun LX50 Server

Specifications

Architecture

Processor	Single or Dual Intel® Pentium III (1.4 GHz w/133 MHz FSB)
Cache	512-KB Level 2 ECC cache
Memory (min/max)	256 MB/6 GB
Chipset	ServerWorks HE SL
Ethernet Port	Dual embedded 10/100 Base-T
Embedded SCSI	Dual Channel Ultra 160 SCSI
Bays	Two SCSI HDD bays One CD and floppy or HDD bay
Drives	36-GB and 72-GB SCSI drives supported*
I/O Slots	Two 64-bit/66-MHz PCI slots one full size and one low profile
Video	ATI Rage XL
Ports	Two RS232 RJ45 connectors (one front accessible) Four USB ports (two front accessible) SCSI 68-pin connector PS/2 mouse/keyboard connector VGA Video connector
Remote Management Serviceability	IPMI and DMI compliant Tool-free case Reduced internal cabling

Operating Environment

Operating system	Sun Linux 5.0 (pre-installed) Solaris x86 OE (bundled option)
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*CD floppy drive may be swapped for 36/72-GB SCSI hard drive.

Preloaded Software

Sun Linux 5.0: Java 2 Standard Edition, Sun One ASP for Linux, TomCat (JSP), MySQL (Database), Apache (Web Server), WU-FTP (FTP), Sendmail (Email Server), Bind (DNS Server), Sun Grid Engine and Sun's Streaming Server.

Additional Linux solutions can be found at: developer.cobalt.com/sol/lx50

Optional Software Bundle

Solaris x86 OE: 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: sun.com/solaris/lx50/solutions

Environmental

Ambient Temperature	Operating temperature: +10°C to +35°C Nonoperating temperature: -40°C to +65°C
Relative Humidity	Operating humidity: 10% to 90% at 27°C noncondensing Nonoperating humidity: 93% at 38°C noncondensing
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, 250 W 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	1.693 in. (43 mm)
Width	16.93 in. (430 mm)
Depth	23.89 in. (609 mm)
Weight	Approximately 26 lb. (unpacked two-drive server), approximately 40 lb. (packaged)

Mounting Options

Midmount, four-point mount, front mount

Get the details.

Find out more about the Sun LX50 entry-level server—an ideal solution for technical compute farms, Grid computing implementations, or general-purpose Tier 1/Network edge environments—by visiting www.sun.com/LX50.

See Also



Sun Cobalt Control Station

Take control of your Sun LX50 servers:

- Manage Inventory & Software
- Performance Monitoring
- Health Monitoring

The Sun Cobalt Control Station allows administrators to track and apply software updates, deploy new services, monitor the health and performance of their LX50 servers. As an added benefit, customers can continue to use third-party or internally developed software in conjunction with the Control Station. More at: www.sun.com/controlstation

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