

Sun Ultra™ 25 Workstation

Lowest-priced RISC/UNIX® workstation



Highlights

- Ultimate upgrade platform for all SPARC®/Solaris™ OS-based workstation users
- Single UltraSPARC® III processor combines with the Solaris™ 10 Operating System to deliver binary compatibility from the desktop to the data center, as well as seamless upgradability
- Comes preinstalled with the Solaris 10 OS and a complete suite of permanently licensed Sun software development tools, including Sun Java™ Studio, Sun Studio™, and the Java™ Enterprise System
- New PCI-Express-based graphics solutions offer 3.3 x the performance of current graphics offerings
- Dual PCI-Express x16 graphics slots, single PCI-Express x8 slot, and dual PCI-X 100-MHz slots deliver superior graphics and I/O performance
- Grid-enabled with included N1™ Grid Engine software license



The Sun Ultra 25 Workstation combines the legendary quality and reliability of Sun SPARC/Solaris OS-based workstations with improved performance, capacity, and graphics, to meet the demands of today's enterprise-class applications. Every Sun Ultra 25 Workstation ships with a full suite of Sun's award-winning development tools—the industry's best set of tools for Solaris OS-based, Web, and Java-based application development.

The affordably priced, entry-level Sun Ultra 25 Workstation is powered by a 1.34-GHz UltraSPARC III processor, with enhanced peripheral support and graphics options, and ships with the Solaris 10 OS preinstalled and a full suite of time-saving development tools that can be immediately deployed to start software development. The package includes Sun Studio 11, Sun Java Studio Enterprise, NetBeans™ IDE, and Sun Studio Creator, with a combined retail value of \$5,000.

Visualization and graphics capabilities are delivered across a PCI-Express graphics bus—doubling the bandwidth of AGP 8x and enabling significant performance improvements over existing PCI-based graphics solutions. Sun's new XVR-2500 3-D graphics accelerator, with over 80 million peak 3-D Gouraud-shaded X-buffered triangles per second, delivers a 3.3 x performance improvement over Sun's previous generation XVR-1200.

The Sun Ultra 25 Workstation boosts capacity and storage options over previous generations, offering dual Gigabit Ethernet, five I/O expansion slots—two PCI Express x16 slots, one PCI-Express x8 slot and two PCI-X 100-MHz full-length expansion slots—and support for up to four 250-GB internal SATA hard drives. With a maximum memory of up to eight GB and one TB of internal storage, the Sun Ultra 25 Workstation has the capacity to handle datasets of any size.

The Sun Ultra 25 Workstation—loaded with a complete set of award winning software development tools, grid-enabled and delivering the legendary quality and reliability of Sun workstations—is a great step forward for any UNIX workstation user.

Sun Ultra 25 Workstation Specifications

Architecture

Processor

1.34-GHz UltraSPARC IIIi processor, one MB Level 2 cache

Memory

Eight GB maximum; up to four registered DIMMs; DDR1-333 ECC in 512 MB, one GB and two GB capacities

Standard interfaces

Network

Two 10/100/1000 Base-T Gigabit Ethernet ports (two rear panel)

USB

Six USB ports (two front, four back)

Audio

Integrated AC '97 (two front, two rear panel) Channel full stereo audio, with line in, line out, headphone, and mic

Expansion bus

Two PCI Express x16 graphics slots (x8 logically), one PCI Express x8 expansion slot (x4 logically), two PCI-X 100 MHz slots

Mass storage

Up to four 80-GB (7,200 rpm) SATA hard drives
Up to four 250-GB (7,200 rpm) SATA hard drives
Up to four 146-GB (15,000 rpm) SAS hard drives

Optical drives

One Slim DVD-RW/CD-RW

Software

Operating systems

Solaris 10 01/06 Operating System (preinstalled)
Solaris 9 OS (available September, 2006)

Included software

Sun Studio 11
Sun Java Studio Creator 2
Sun Java Studio Enterprise 8
NetBeans 4.1
N1 Grid Engine 6

Graphics cards

XVR-100 2-D graphics card
XVR-2500 3-D graphics card

Input devices

Sun Type 7 USB keyboard (support for up to 22 language layouts) and three-button optical scroll mouse

Monitors

Sun 24-inch LCD
Sun 21-inch CRT
Sun 19-inch LCD
Sun 17-inch CRT
Sun 20-inch LCD

Environment

Power supply

1,000 watts

Operating temperature

2° C to 35° C (41° F to 95° F); 7 percent to 93 percent relative humidity, noncondensing

Nonoperating temperature

-40° C to 68° C (-40° F to 158° F); 93 percent relative humidity, noncondensing

Acoustic noise

Operating

5.0 Bels

Idle

5.0 Bels

Learn More

For more information on the Sun Ultra 25 Workstation, visit sun.com/ultra25

Dimensions and weight

Height

445mm (17.5 inches)

Width

205mm (8.1 inches)

Depth

569mm (22.4 inches)

Weight

26.31 kg (58 lbs.) fully configured

Regulations

Safety

UL/CSA-60950, EN 60950, IEC 60950 CB

Ergonomics

EK1-1TB-2000, RFI/EMC, EN 55022/CISPR22 Class B, FCC CFR47
Part 15 Class B; EN 6100-3-2, EN 61000-3-3

Immunity

EN 55024

Regulatory markings

UL/cUL, TUV-GS, CE FCC, ICES-003, C-Tiek, VCCI, GOST-R, BSMI CCC, S-Mark, RoHS-compliant

Upgrades

The new Sun Ultra 25 Workstation is eligible for the Sun Upgrade Advantage Program. Customers can trade-in and upgrade their old Sun or non-Sun servers and receive a trade-in allowance applied toward the list price of their new Sun Ultra 25 Workstation.

For more details on the Sun Upgrade Advantage Program, go to: sun.com/ibb/tradeins/Unixworkstations



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