

SUN ULTRA 24 WORKSTATION

KEY FEATURES

LEADING-EDGE INTEL CORE2 EXTREME PROCESSOR POWER, PROVEN INNOVATION

- Intel Core2 Duo, Intel Core2 Quad, and Intel Core2 Extreme Processors
- Latest NVIDIA Quadro FX Graphics with Gen2 PCI Express (PCIe) interfaces
- Up to 3 TB of high-density, high-performance, reliable internal storage and up to 8 GB of fast, reliable memory
- Preinstalled with Solaris 10 OS and award-winning Sun Studio 12, Sun Java Studio, Sun Java Studio Creator 2, Sun Java Studio Enterprise 8, and NetBeans 5.5 development tools
- Flexibility to deploy desktop solutions within existing IT infrastructure with the broadest range of OS support in the industry
- Optional installation services, training, and world-class heterogeneous support to optimize your workstation implementation

Oracle's Sun Ultra 24 Workstation, powered by the Intel Core2 Duo, Intel Core2 Quad, and Intel Core2 Extreme Processors, delivers record-smashing performance at budget-friendly prices. With high-performance Gen2 PCIe and the best of NVIDIA's Quadro FX Graphics line, the Sun Ultra 24 Workstation delivers the application performance that quickens design cycles, accelerates decision-making, and gets products to market faster. From software development to visualization, computer-aided design to analysis, this innovative workhorse is designed to meet the demands of today's technical professionals.



The Sun Ultra 24 Workstation is Oracle's first quad-core x64 workstation.

Sun Ultra 24 Workstation Overview

The Sun Ultra 24 Workstation is simple to deploy and easy to run, offering the broadest range of OS support, including 32- and 64-bit versions of Oracle's Solaris OS, Windows, Red Hat Enterprise Linux, and SUSE Linux. With certification of key technical applications, the Sun Ultra 24 Workstation easily integrates into existing IT infrastructures. And with support for today's Intel Core2 Processors as well as next-generation processors, the Sun Ultra 24 Workstation has the built-in headroom that enables your IT infrastructure to grow with your business needs.

The Sun Ultra 24 Workstation offers faster time to results, with its record-setting 3-D graphics and fast quad-core processor performance—up to 80 percent faster in highly threaded applications—it virtually eliminates processing bottlenecks. The Sun Ultra 24 Workstation comes preloaded with Oracle's proven and award-winning software development tools, and supports a wide range of OS and processor configurations—helping simplify and accelerate software design cycles.

Sun Ultra 24 Workstation Specifications

Architecture	
Processor	One Intel Processor: <ul style="list-style-type: none"> • Intel Core2 Duo Desktop Processor E4400 • Intel Core2 Duo Desktop Processor E6750 • Intel Core2 Duo Desktop Processor E6850 • Intel Core2 Quad Processor Q6600 • Intel Core2 Quad Processor Q6700 • Intel Core2 Extreme Processor QX6850
I/O chipset	Intel X38 Express
Memory	<ul style="list-style-type: none"> • Unbuffered DIMMs, DDR2-667, four DIMM slots, 8 GB maximum • Three DIMM sizes: 512 MB, 1 GB (ECC), and 2 GB (ECC)
Standard Integrated Interfaces	
Network	<ul style="list-style-type: none"> • Single GbE integrated on motherboard • One RJ-45 port (rear)
FireWire	Two front
Audio	Intel High Definition Audio 1.0
Expansion bus	<ul style="list-style-type: none"> • Two full-length x16 Gen2 slots • One full-length x8 slot (x4 electrical) • One full-length x1 slot • Two full-length PCI slots (32-bit/33 MHz/5 V)
Optical disk drives	DVD-ROM or DVD-Dual
SATA	Up to four SATA drives, 3 TB maximum: 250 GB, 750 GB (7,200 rpm)
SAS	Up to four SAS drives (through PCIe host bus adapter), 1.2 TB maximum: 146 GB, 300 GB (15,000 rpm)
RAID	<ul style="list-style-type: none"> • RAID 0, 1, 5, and 10 (with Windows XP and Vista) • Raid 0 and 1 (with Linux and Solaris 10 OS Update 5)
USB	<ul style="list-style-type: none"> • Two front • Four rear • One internal
Serial	None
Environment	
Power supply	530 W 80 PLUS certified power supplies
Acoustic noise	<ul style="list-style-type: none"> • Operating: 4.7 B • Idle: 4.3 B

Software	
Operating systems	<ul style="list-style-type: none"> • Solaris 10 OS 8/07 (Update 4) • Red Hat Enterprise Linux Client 5 (32-bit and 64-bit) and later • Red Hat Enterprise Linux WS 4.5 (32-bit and 64-bit) and later • SUSE Linux Enterprise Server 9 (64-bit) Service Pack 4 and later • SUSE Linux Enterprise Desktop 10 (64-bit) Service Pack 1 and later • Windows Vista Ultimate (32-bit/64-bit) • Windows XP Professional (32-bit/64-bit) Service Pack 2 and later • Windows Server 2003 R2 and SP2 (32-bit/64-bit)
Preinstalled software	<ul style="list-style-type: none"> • Solaris 10 OS • Sun Studio 12 • Sun Java Studio Creator 2 Update 1 • Sun Java Studio Enterprise 8.1 • NetBeans 5.5.1
Graphics	
<ul style="list-style-type: none"> • One NVIDIA Quadro FX 5600 Graphics Accelerator Card • One NVIDIA Quadro FX 4600 Graphics Accelerator Card • Two NVIDIA Quadro FX 1700 Graphics Accelerator Cards • Two NVIDIA Quadro FX 570 Graphics Accelerator Cards • Two NVIDIA Quadro NVS 290 Graphics Accelerator Cards 	
Input Devices	
Sun Type 7 USB keyboard (support for up to 22 language layouts) and two-button optical scroll mouse	
Displays	
<ul style="list-style-type: none"> • Sun 24.1 in. LCD • Sun 22 in. LCD • Sun 19 in. LCD • Sun 17 in. LCD 	
Dimensions and Weight	
Height	433.6 mm (17.07 in.)
Width	199.6 mm (7.86 in.)
Depth	467.45 mm (18.40 in.)
Weight	15.4 kg (34 lb.)

Regulations	
Safety	UL/CSA 60950, EN 60950, IEC 60950 CB
Ergonomics	EK1-1TB-2000
RFI/EMI	EN 55022/CISPR 22 Class B, FCC CFR 47 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-Tick, VCCI, GOST-R, BSMI, CCC, S-Mark, MIC
Power management	<ul style="list-style-type: none"> • Supports PowerNow • Standard ACPI power states (S0, S3, S4, S5) management

Warranty

Visit oracle.com/sun/warranty for Oracle's global warranty support information on Sun products.

Services

Oracle offers a suite of services to optimize your Sun Ultra 24 Workstation implementation and decrease your operational costs. Visit oracle.com/sun/services for information on Oracle's service program offerings for Sun products.

Contact Us

For more information about Oracle's Sun Ultra 27 Workstation, please visit oracle.com/sun or call +1.800.786.0404 to speak to an Oracle representative.



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