



value

Sun Blade™ 150 Workstation

THE PRICE LEADER IN 64-BIT UNIX® WORKSTATIONS

SUN BLADE™ 150 WORKSTATION SPECIFICATIONS

For technical and business computing environments looking to balance advanced 64-bit capabilities, workstation performance, support for the Solaris™ Operating Environment and cost considerations, Sun has the ideal solution: the Sun Blade™ 150 workstation. This powerful, low-cost system boasts a full 64-bit architecture with the latest high-performance UltraSPARC® III CPU, supporting up to 2 GB of memory and up to 80 GB of internal storage. Features such as a fast PCI bus and the latest I/O technologies including USB and IEEE-1394 provide connectivity to a wide variety of latest generation peripherals. And with graphics options that include the high resolution on-board Sun PGX64™ 2D graphics or high-end Sun™ XVR-500 3D graphics, the Sun Blade 150 workstation delivers advanced workstation capabilities with exceptional performance at an affordable price. With only a 20% increase in megahertz, the doubling of the cache to 512 KB plus the new Sun XVR-500 graphics, the Sun Blade 150 workstation cranks up the performance. It's up to 63% faster on compute-intensive applications and up to 76% faster in MCAD applications*.

PROCESSOR	
550 MHz or 650 MHz UltraSPARC III: 512 KB L2 on-die cache	
MEMORY	
2 GB maximum, error correction SDRAM	
Four DIMM slots, PC133 168-pin DIMMs (128 MB, 256 MB, and 512 MB DIMMs)	

STANDARD INTERFACES	
Network	Ethernet/Fast Ethernet, twisted pair standard (10-BaseT and 100-BaseT)
Serial	One D-Sub 9-pin connector, asynchronous, two IEEE 1394a, four USB 1.1
Parallel	One D-Sub 25-pin connector, IEEE 1284
Audio I/O	Four audio ports: line-in/line-out/micro phone-in/speaker-out
Expansion bus	Three 32-bit PCI slots, full-size, 33 MHz, 5 V (3.3 V power supplied)

MASS STORAGE AND MEDIA	
Internal disk	Up to 40 GB, 7200-rpm Enhanced IDE disk drive
Internal CD-ROM	48x-speed CD-ROM or 16X-speed DVD-ROM
Internal floppy disk	One 3.5-in., 1.44-MB floppy
Expansion	2nd disk drive bay available

GRAPHICS AND IMAGING	
On-board 24-bit Sun PGX64 2D graphics and optional Sun PGX64 or Sun XVR-500 3D graphics boards	
Up to 3 PGX64 2D graphics boards or 2 Sun XVR-500 3D graphics boards supported	

Sun PGX64 graphics			
Resolution	Refresh Rate	Standard	Aspect Ratio
1920 x 1200	70 Hz	Sun	16:10
1920 x 1080	72 Hz	Sun	16:9
1600 x 1280	76 Hz	Sun	5:4
1600 x 1000	66, 76 Hz	Sun	16:10
1280 x 1024	67, 76 Hz	Sun	5:4
1280 x 1024	75 Hz	VESA	5:4
1152 x 900	66, 76 Hz	Sun	5:4
1024 x 768	60, 70, 85 Hz	Sun	4:3
1024 x 768	75 Hz	VESA	4:3
800 x 600	56, 60, 72 Hz	Sun	4:3
720 x 400	70, 85 Hz	Sun	Portrait
640 x 480	60, 72 Hz	Sun	4:3
640 x 480	75 Hz	VESA	4:3

Sun XVR-500 graphics			
Resolution	Refresh Rate	Standard	Aspect Ratio
1920 x 1080	72 Hz	Sun	16:9
1600 x 1280	76 Hz	Sun	5:4
1600 x 1200	75 Hz	VESA	4:3
1600 x 1000	66, 76 Hz	Sun	16:10
1440 x 900	76 Hz	Sun	16:10
1280 x 800	112 Hz	Sun-Stereo	16:10
1280 x 800	76 Hz	Sun	16:10
1280 x 1024	60, 75, 85 Hz	VESA	5:4
1280 x 1024	67, 76 Hz	Sun	5:4
1152 x 900	120 Hz	Sun-Stereo	5:4
1152 x 900	66, 76 Hz	Sun	5:4
1024 x 800	84 Hz	Sun	5:4
1024 x 768	60, 70, 77 Hz	Sun	4:3
960 x 680	108, 112 Hz	Sun-Stereo	Sun-Stereo
768 x 575	50i Hz	PAL	PAL
640 x 480	60 Hz	VESA	4:3
640 x 480	60i Hz	NTSC	NTSC

SOFTWARE	
Operating System	Solaris 8 Operating Environment (02/02) pre-installed, Solaris 9 Operating Environment supported

MONITOR OPTIONS	
17-inch entry color	Up to 1024 x 786 resolution, 76 Hz refresh rate
18.1-inch flat panel	Up to 1280 x 1024 resolution, 76 or 66 Hz refresh rate
21-inch color	Up to 1600 x 1200 resolution, 75 Hz refresh rate
24.1-inch LCD	Up to 1920 x 1200 resolution, 60 Hz refresh rate

PC INTEROPERABILITY	
Optional SunPCI[tm] IIpro coprocessor card allows you to run several operating systems on your system simultaneously (Windows and Solaris), providing you the best of both worlds.	

ENVIRONMENT	
AC power	100, 120; 220-240 VAC, 47-63 Hz, 0.35 kVA (max. continuous), 5.0 A (surge)
Operating	5°C to 35°C (40° F to 95° F), IEC 60068-2-1, IEC 60068-2-2 Test Bd 10% to 90% relative humidity, noncondensing, 27° C maximum web bulb

Nonoperating	-40° C to 65° C (4° F to 150° F), IEC 60068-2-1, IEC 60068-2-2 Test Bd up to 93% relative humidity, noncondensing, 38° C maximum wet bulb
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Operating acoustic noise	5.5 bels
Idling acoustic noise	4.8 bels

REGULATIONS	
Meets or exceeds the following requirements:	
Safety	UL /CSA-60950, EN60950, IEC950 CB Scheme with all country deviations, IEC825-1, 2 and CFR21 part 1040

Ergonomics	EK1-ITB-2000
RFI/EMC	EN55022/CISPR22 Class B, FCC CFR47 Part 15 Class B, EN61000-3-2, EN61000-3-3

Immunity	EN 55024
X-ray (for Monitors)	DHHS 21 Subchapter J; PTB German X-ray Degree

Regulatory markings	CE, FCC, ICES-003, C-tick, VCCI, GOST-R, BSMI, EK, UL/cUL, TUV-GS, E-Star
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Power management	Energy Star compliant on all standard configurations
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DIMENSIONS AND WEIGHT	
Height	117 mm (4.6 in.)
Width	457 mm (18.0 in.)
Depth	446 mm (17.6 in.)
Shipping weight	12.2 kg (26.9 lb.)

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* Performance compared to Sun Blade™ 100 workstation with Sun™ Expert3D-Lite graphics running ABAQUS v6.2 and Unigraphics v18 applications.

