SUN BLADE™ 1000

Exceptional Multiprocessing Workstation Performance

Based on two UltraSPARC III processors, the Sun Blade™ 1000 workstation features a low-latency crossbar-switch interconnect that delivers up to 4 GB/sec. of bandwidth for ultra-high-speed data and graphics throughput. Plus, the system delivers plenty of high-performance disk connectivity to third-party peripherals. With advanced, high-end graphics and support for dual monitors and a variety of storage options, it's an ideal solution for addressing computation fluid dynamics and other demanding, graphics- and data-intensive applications.

HIGHLIGHTS

- Choice of one or two 750/900-MHz UltraSPARC III processors
- Large 8MB cache for increased performance for all applications
- Large 8-GB RAM capacity for loading larger data sets
- Up to 2X 36-GB internal drive capacity, providing more space for faster local disk storage and enhanced performance
- Supports a variety of graphics options and combinations of graphics solutions for maximum flexibility

Processors

Architecture: Superscalar SPARC Version 9, 750/900-MHz UltraSPARC III (supports mix of 750- and 900-MHz CPUs running at maximum speed simultaneously)
Number of processors: Up to two
External cache: 8MB (750/900-MHz)

Main Memory

8 GB maximum

Standard Interfaces

Network: 10/100-BaseT Ethernet (self-sensing)
Serial: Two RS-232C/RS-423 serial ports (DB25); four USB (Type A) connectors; two IEEE 1394 (6-pin) connectors
Parallel: One D-sub 25-pin connector, IEEE 1284 (bidirectional)
Audio I/O: Four audio ports: line-in/line-out/microphone-in/speaker-out
Expansion: Four 64-bit full-size PCI slots, three at 33-MHz, one at 66-Mhz; two UPA graphics slots

Mass Storage and Media

Internal disk: Two 36-GB, 10,000-rpm FC-AL disk drives
Removable media bays: Three bays for choice of 4-mm tape drive, 10X speed DVD-ROM, or 3.5-in., 1.44-MB floppy disk
External: External SCSI port; optional automated tape devices, FC-AL storage arrays or disk multipacks

Software

Operating system: Preinstalled with Solaris 8 10/00 Operating Environment or higher
Languages: C, C++, Pascal, FORTRAN, Java technology
Networking: ONC/NFS, TCP/IP, SunLink OSI, MHS, IPX/SPX, DCE

Graphics and Imaging

Options: Sun Creator3D, Sun Elite3D m6, Sun Expert3D, Sun Expert3D-Lite, Sun 1394 Visual Collaboration Kit

Powering Environment

AC power: 100-120; 220-240 V AC, (47-63 Hz), 0.39 KVA, 0.875 KVA (maximum)
Power supply output: 670 W (maximum)

Key Applications

- Visual simulation
- Mechanical design/engineering
- Circuit and chip design
- Scientific computing
- Geo/GIS