Rack-optimized, highly available server for Internet data centers.

**SUN FIRE™ 4810 Midframe Server**

**HIGHLIGHTS**

- Up to 12 high-performance, award-winning UltraSPARC™ III processors in a symmetric multiprocessing architecture
- Industry's first fully redundant, reconfigurable system interconnect
- Full hardware redundancy, Dynamic Reconfiguration*, online upgrades*, concurrent maintenance*, clustering, and accelerated system recovery help provide for continuous, highly available computing
- Runs the proven, tested Solaris™ 8 Operating Environment
- Two Dynamic System Domains* for mainframe-like partitioning; Solaris™ Resource Manager for advanced workload management
- Hot-swappable common components for excellent investment protection
- Sun™ Management Center software helps enable administrators to actively manage thousands of Sun systems through a simple Java™ technology interface, Web browser, or command line interface
- Fits into either a Sun Fire cabinet or standard 19-inch rack for maximum compute density
- Components are completely front-accessible for easy serviceability in specialized environments
- Worldwide consulting, educational, support, and remote services to help provide continuous availability

For Internet data centers or environments that require single-side access to all components, the UltraSPARC™ III technology-based Sun Fire™ 4810 server is the flexible, highly available solution. With the redundant, reconfigurable Sun™ Fireplane interconnect, it delivers impressive total system performance. Full hardware redundancy and a variety of advanced mainframe-class availability features, such as Dynamic Reconfiguration*, online upgrades*, and concurrent maintenance*, help deliver excellent uptime. With Solaris™ Resource Manager and Dynamic System Domains*, the system has the flexibility to accommodate changing resource requirements across multiple applications. The Sun Fire 4810 form factor is designed to fit into Internet data centers that often employ 30-inch-deep racks. Plus, components are front-accessible for easy placement and serviceability. It's simply an ideal server for specialized environments where continuous availability and up-time are crucial.

*These capabilities will be available in 1st half of 2002
SUN FIRE 4810 MIDFRAME SERVER

At the heart of Sun Fire Midframe servers, the Sun Fireplane interconnect provides very high sustained bandwidth—9.6 Gb per second. Sun Fire servers also feature the 64-bit UltraSPARC III processor with 8 MB of e-cache, with a four-way associative on-chip 64-KB data and 32-KB instruction cache and integrated memory controller. These capabilities make the Sun Fire 4810 server an excellent platform for commercial or high-performance computing.

SUN FIRE 4810 MIDFRAME SERVER SPECIFICATIONS

PROCESSOR
Number of processors Two to twelve
Architecture Supervisors SPARC® V9, UltraSPARC III
E-cache per processor 8 MB
CPU interface Two to twelve 128-bit slots
System interconnect Sun Fireplane interconnect

SYSTEM
Main memory Up to 96 GB of memory capacity per system
I/O Sixteen PCI slots (four 66-MHz and twelve 33-MHz) or eight hot-swappable PCI slots* (four 66-MHz and four 23-MHz)
System controller Up to two per system
Redundancy kit (optional) Redundant power supply, fan, system controller
Media device (optional) Sun StorEdge® D240 Media Tray, a four-device tray that supports hard disk, tape, or DVD-ROM. Can be used as a boot, data-storage, data-load and data-interchange, or data-backup device.

SOFTWARE
Operating system Solaris Operating Environment, version 8
Languages C, C++, Pascal, Fortran, Java
Networking ONC, NES, TCP/IP, SunLink™ OSI, MHS, X.25, DCE, Network
System monitoring Sun Management Center

SYSTEM AND NETWORK MANAGEMENT
System and network management Solaris Web Start, Solstice AdminSuite™, Solstice Domain Manager, Solstice Enterprise Manager™, Solstice DiskSuite™, Solstice Backup™, VERITAS File System, VERITAS Volume Manager, Sun Cluster™, Sun HPC ClusterTools™*

ENVIRONMENT
AC power 200–240 VAC (47–63) Hz, 16.4 Amp
Power cords Three
Operating 5˚C to 35˚C (41˚F to 95˚F) 20% to 80% relative humidity, noncondensing
Nonoperating -20˚C to 60˚C (-4˚F to 140˚F) 5% to 93% relative humidity, noncondensing

REGULATIONS
Meets or exceeds the following requirements:
Safety UL1950, CSA C22.2 950, TUV EN60950, CB Scheme with all Country Deviations
Ergonomics EK1-ITB-2000
Emissions FCC Class A, IEC-003 Class A, EN55022 Class A, EN55020 Class A, WEEE Class A
Immunity EN55024
Regulatory markings CE, FCC, IEC-003, C-tick, VCCI, GOST-R, BSMI, EK, UL/CUL, TUV-65

DIMENSIONS AND WEIGHT
Height 934 mm (36.8 in.)
Width 446 mm (17.6 in.)
Depth 600 mm (23.6 in.)
Weight 138.3 kg (305.0 lb.)
Power cord 4.6 m (15.0 ft.)

UPGRADES
Full system upgrades are available for Sun Enterprise™ 3x00, 4x00, and 5x00 systems. Older Sun servers are eligible under Sun’s Server Consolidation Program, and trade-in programs for other vendors’ servers are also available. For more information, contact your local sales representative.

ADVANCEMENT	SUN MICROSYSTEMS, INC., 901 SAN ANTONIO ROAD, PALO ALTO, CA 94303-4900 USA
PHONE: 650 960-1300 OR 800 555-9SUN INTERNET: www.sun.com

SALES OFFICES

*These capabilities will be available in 1st half of 2002