

Sun Fire™ Midframe servers combine mainframe-class availability and performance, with midrange server economics.

SUN FIRE™ Midframe Server Family

HIGHLIGHTS

- Select from four powerful Midframe systems, starting with a compact, 8-CPU server ideal for Internet services and applications, to a high-performance, data center-class system with 24 CPUs and engineered for large databases, mission-critical applications, and high-performance computing workloads
- Delivers exceptional application performance from 2 to 24 UltraSPARC™ III processors in an SMP architecture, and up to 192 GB memory
- Maximize your application service levels with mainframe-class availability features such as full hardware redundancy, Dynamic System Domains*, and concurrent maintenance*
- Make the most of your IT investments with the Sun Fire server's common architecture, common operating environment, binary compatibility, and common, modular components
- Reduce service costs by getting the most out of Sun's computing resources with flexible resource management capabilities, including Dynamic System Domains*, Solaris™ Resource Manager software, and processor sets
- Reduce system management costs by consolidating multiple mission-critical applications onto a single server with separate, fully fault-isolated Dynamic System Domains*
- Delivers faster, more predictable application performance due to the high bandwidth and low latency of the Sun™ Fireplane interconnect
- Reduce management cost by monitoring hundreds of Sun Fire servers remotely with Sun Management Center
- Leverage your investments in applications, and make the most of your staff skills with the Solaris 8 Operating Environment application guarantee, which means any existing Solaris application — no matter what version of Solaris it was written for — runs unmodified on Solaris 8

Today's data center managers face the challenge of delivering higher service levels with less. One highly scalable, highly available server family is designed to help businesses lower TCO while providing a simple, scalable platform for deploying mission-critical applications: Sun Fire™ servers. Based on UltraSPARC™ III and the Solaris™ 8 Operating Environment, the Sun Fire family of servers brings capabilities previously found only in main-

frame-class systems — Dynamic System Domains*, Dynamic Reconfiguration*, full hardware redundancy, online upgrades*, and concurrent maintenance* — to midrange servers. This family of servers is a new class of system — the Midframe — which is designed to give you the continuous availability, scalability, and flexibility you need to help your organization gain competitive advantage and keep TCO low in a rapidly changing world.

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



Purchase these products from the Sun™ Store, sun.com/store or contact an authorized Sun reseller near you.

SUN FIRE MIDFRAME SERVERS: UNLEASHING THE POWER OF THE NET

Sun Fire servers are a new class of system—the Midframe. Based on the award-winning UltraSPARC III processor, Solaris 8 Operating Environment, and an SMP architecture, these servers are designed to support complex network computing solutions. Ideal for either commercial or high-performance computing (HPC) applications, Sun Fire servers provide mainframe-class availability features, advanced resource management capabilities, and excellent investment protection.

HIGH AVAILABILITY

Sun Fire systems help you deliver continuous application services with advanced mainframe-class availability features, such as full hardware redundancy, and Dynamic System Domains*. Additionally, every Sun Fire server offers an impressive list of availability features such as online upgrades*, concurrent maintenance*, and Sun™ Cluster support.

RESOURCE MANAGEMENT

Sun Fire systems help make it possible for you to lower service costs and increase the efficiency of your compute resources through a number of flexible resource management tools. With Dynamic System Domains*, Sun Fire servers can run multiple mission-critical applications with complete fault isolation. In addition, Dynamic System Domains* give you the flexibility and power to respond to changing resource requirements. Solaris Resource Manager software manages resources within a single domain, helping to enable continuous delivery of predictable service levels while maximizing hardware utilization and lowering the total cost of ownership. Dynamic System Domains* and Solaris Resource Manager software, when combined with the inherent reliability of Sun Fire servers, make a powerful platform for resource management and server consolidation.

SYSTEM MANAGEMENT

Sun Fire servers help lower the cost of managing your systems with Sun Management Center (Sun MC) and Sun Remote Services. Lights-out data center environments require sophisticated management features, like those delivered in Sun Management Center. Sun MC allows you to virtually manage thousands of Sun systems from any platform with an easy-to-use Java™ technology interface, a Web browser, or a command-line interface. Because it's integrated with leading third-party vendors' products, Sun MC software allows you to address enterprise-wide, heterogeneous environments. Sun MC software can be used in conjunction with the Sun Remote Services portfolio to offer you 24 x 7 monitoring and immediate access to an experienced staff of Sun service personnel for fast resolution of a wide variety of issues.

PERFORMANCE

The key to Sun's strong system performance has always been a balanced system architecture. With fast processors, outstanding system interconnect performance, exceptional I/O throughput, linear scalability, and plenty of memory capacity, Sun systems deliver exceptional performance for real-world applications. Sun Fire servers are no exception: With up to 24 UltraSPARC III processors, a 9.6 GB per second sustained interconnect bandwidth, up to

192 GB of memory, and a 64-bit PCI I/O subsystem, Sun Fire servers deliver the impressive performance that data centers and technical professionals are looking for.

INVESTMENT PROTECTION

Sun helps you maximize your budget and minimize obsolescence. Sun is the only platform vendor offering inherent investment protection for customers and developers because Sun systems are built with a common architecture (SPARC™), common operating environment (Solaris), and binary compatibility—from a single CPU to hundreds of CPU systems, spanning generations.

Sun Fire Servers run the robust Solaris 8 Operating Environment, which means that any existing application—no matter what version of Solaris it was written for—is designed to work on the Solaris 8 Operating Environment on any Sun system, without modification. Combine that with the breadth of Sun's binary compatibility with common, modular components, and you should have investment protection you can count on.

Sun offers the support you need to easily adopt the Solaris 8 Operating Environment. Solaris Adoption Services is a scalable suite of four services that helps meet your evaluation, application fitness, implementation, and adoption needs. Additionally, the Sun Upgrade Allowance Program (UAP), Capacity on Demand, and other programs help you easily move from previous technology, or competitive systems to the new Sun Fire servers on your own timeframe.

SERVICE OFFERINGS

With thousands of trained experts worldwide, Sun's service organization can guide you in designing, implementing, and managing proactive, effective solutions to meet your needs. Sun can help you identify ways to improve operational excellence, migrate to new technology smoothly and cost-effectively, implement mission-critical environments, minimize downtime and maximize availability and ease of management, and much more. In addition, Sun offers classroom training on the skills necessary to install, maintain, and get the most from your Sun Fire servers. Sun's comprehensive service solution can be tailored to fit your service needs with the SunSpectrum™ service offering.

Want to learn more about our Sun Fire servers for the next-generation data center? Visit our Web site at www.sun.com/servers/midrange/ or contact your Sun sales representative.

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



Sun Fire 3800



Sun Fire 4800



Sun Fire 4810



Sun Fire 6800

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