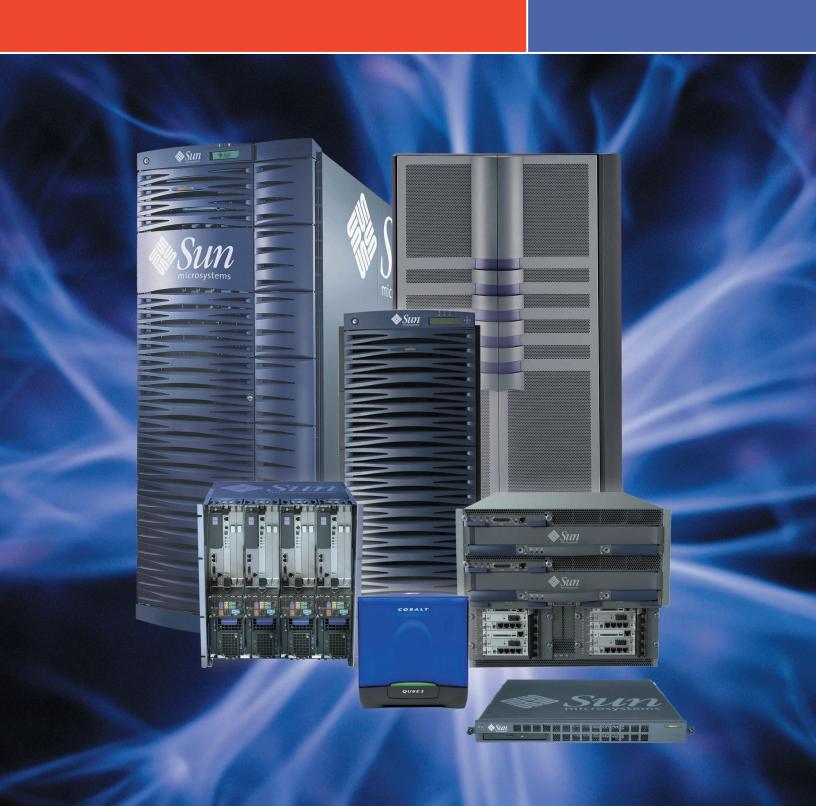
THE POWER OF CHOICE





opportunity⁽ⁿ⁾

TURN CHANGE TO YOUR ADVANTAGE

SUN FIRE 3800-6800

"After evaluating both the new Sun Fire midframe servers and systems from Sun's leading competitors, we decided to go with Sun. We consider Sun to be the industry leader in the data center space and the Sun Fire midframe servers offer us leading system availability, real-world application performance, flexibility, and investment protection that just isn't matched with other offerings."

Lloyd M. Segal President and CEO Caprion Pharmaceuticals



www.sun.com/servers

We're Bringing It All Together for You

Sun[™] servers have a great reputation for performance, massive scalability and reliability. Add to that the fact that they're easy to manage and can help lower total cost of ownership (TCO), it can be easy to overlook an equally compelling characteristic: a level of integration that's unsurpassed in the computer industry.

Our complete solutions feature pre-integrated, pre-tested, service-ready combinations of hardware and software, letting you spend more time developing and deploying the services that will differentiate your business—and less time worrying about the underlying technology. What we bring together sets us apart:

UltraSPARC™ Processors—built from the ground up for networked applications, our 64-bit processor architecture powers everything from hand-held devices to supercomputers.

Sun StorEdge™ Storage Solutions—massively scalable, easily manageable storage solutions that combine hardware, software, and business uptime practices to help you transform storage into a dynamic network resource.

Sun Reference Architectures and SunTone™ Platforms—tested and tuned platforms for specific applications such as enterprise wireless infrastructure, data warehousing, and messaging, helping you reduce product evaluation timeframes while cutting the deployment time, costs, and risks of configuring information technology (IT) infrastructures.

The Sun Open Net Environment (Sun ONE)—our unified software architecture for developing and deploying interoperable services that are available to anyone, anytime, anywhere, on anything.

The Solaris™ Operating Environment—
the leading UNIX® operating environment
combines powers, stability, scalability, and
predictability with backward compatibility.

Meet the Family

The solutions that fit your specific needs—whether you're just starting out or well on your way to building a service-driven business.

WORKGROUP SERVERS

"We chose rack-mountable. Sun Workgroup servers because of their form factor as well as the physical layout of the machines, which offers unmatched serviceability and allows us to rapidly grow our capacity. In our opinion, of all of the server options available, Sun servers best met our needs."

RespondTV www.sun.com/servers

Chief Technology Officer

We offer server product lines designed for specific sets of requirements, as well as multiple options within each line. So you can choose the server that makes sense for today's needs with the confidence and peace of mind that you'll be able to upgrade quickly, painlessly, and cost-efficiently.

ready

Combining our servers with the Solaris Operating Environment, Sun Cluster software, and StorEdge storage products backed by award-winning professional services and technical support staff-gives you everything required to harness the opportunities of the Net Economy.

Sun Cobalt™ Server **Appliances**

Sun Cobalt™ Server Appliances are pur pose-built turnkey servers, enabling the delivery of Edge Services easily, reliably, and cost effectively. Sun's market-leading server appliances are fully preconfigured, preloaded systems that perform specific functions such as Web serving, caching/proxy, or messaging, helping to enable you to offload these tasks from larger servers and improve cost efficiency. They help enable you to deploy services quickly, and they are simple to manage with a standard Web browser.

Netra[™] **Servers**

Created for the Internet services mar ket, Netra servers are optimized for continuous availability. They offer a rack-optimized design with ruggedized packaging, plus optimum horizontal scalability and easy management,

helping to lower your total cost of ownership. And for high-end telecom services. Sun's Netra ct 400/800 Compact PCI (cPCI) servers provide a carrier-grade network infrastructure.

Sun Enterprise Servers

The family of powerful, UltraSPARC processorbased Sun Enterprise servers delivers missioncritical reliability, broad scalability, exceptional capacity, and seamless connectivity, making them an outstanding platform for applications in the data center.

Sun Fire™ Servers

Our Sun Fire product line—based on UltraSPARC-III processors and the Solaris Operating Environment - offers industryleading availability, end-to-end scalability, outstanding flexibility, ease of management, and rock-solid investment protection. Common features such as hotplug components, lights-out and/or remote management, and binary compatibility are standard for this family of servers. Certain models provide fault isolated Dynamic System Domains, on line maintenance, and common components are added for higher levels of flexibility and availability. These servers are the ultimate systems to slash TCO.

SERVER PRODUCT LINE-UP

Sun Cobalt RaQ™ 4

A low-cost, high-density server appliance designed for service providers and application developers for quick, easy, and profitable deployment of services over the Web.



Netra t 100/105

Netra t 1400/1405

provider environments.

Netra ct 400

I/O slots per server.

Netra ct 800

Designed for enterprise and service provider environ ments, these models combine a powerful processor, plenty of disk, a host of availability features and the flexibility of running Solaris 2.6/2.7, making them the right choice for rack-mount implementations where high density and scalability are critical.

High-performance, rackable, ruggedized quad processor

servers with hot-swap AC or DC power and disks, lights

out management, telco alarms, and high-availability

cluster support for telco, enterprise, and service

This CompactPCI NEBS Level-3 certified server has front-

accessible and hot-swappable I/O slots, LED panel,

system controller boards, fans, hard drive, and power

supply unit for high server density in up to two 6U cPCI



Sun Enterprise 450

Four-way server that supports up to 20 internal drives and 10 PCI slots and provide the robust availability features usually found in more costly systems.



Sun Fire 3800 Midframe

Compact, eight-CPU rack-mount server with advanced availability and resource management features. Designed for data centers as an e-mail Web, or small-application server.



Netra 20

Netra 20 servers enable a rugged, reliable and flexible solution for military/government, financial service providers, Internet data centers, and enterprise customers - any environment where compute density is key and space is at a premium.



Sun Fire 4800 Midframe

12-CPU server delivering mainframe-class availability and resource management features-ideal for use as an application, compute, or database server (comes in deskside packaging or can be mounted in industrystandard 19-inch racks).



Sun Fire V880

The Sun Fire 880 server, a new UltraSPARC™ III system offering 2—8 processors and an integrated storage FC-AL subsystem that is ideal for database and Internet, e-commerce, ERP and messaging in remote/branch office, departmental environments as well as complementing data centers.



Sun Fire 4810 Midframe

Rack-optimized 12-CPU server, incorporating mainframe—class availability and resource management features and completely front-accessible components, in packaging for 30-inch-deep racks.



Sun Enterprise 3500

An eight-way server with high-end availability features, including dynamic reconfiguration/alternate pathing (DR/AP) for online expansion and maintenance.



Sun Fire 6800 Midframe

Highly available 24-CPU server offering mainframeclass availability and resource management features, including fault-isolated partitions — perfect for server consolidation, data warehousing, data mining, OLTP, and large databases.



Allowing for up to six 6U cPCI I/O slots per server, this NEBS Level-3 certified server offers front-accessible and hot-swappable I/O slots, LED panels, system controller boards, fans, hard drives, and power supply unit for I/O density.



Sun Fire 280R

Compact, rackable, highly available, two-way server that fits neatly into an industry-standard 19-inch rack-for financial services, service providers, and e-commerce.



Sun Enterprise 4500

The compact, modular, 14-way server that delivers expandability, mission-critical availability, and advanced system management tools in a dense, rack-



Sun Enterprise 10000

A proven, rock-solid 64-way data center and server consolidation platform with mainframe-like Dynamic System Domains, allowing multiple applications to run in isolated environments on a single server.



Sun Enterprise 5500

Up to 14 CPUs and terabytes of storage in one cabinet, with DR/AP, CPU power control, automatic system recovery, and other availability features-perfect for spaceconscious data centers.



Sun Fire 15K

Supporting up to 106 CPUs, this highly scalable server offers



Up to 30 processors in a system that offers excellent availability and system management features, providing maximum performance and throughput for high-end enterprise applications.

*Available in early 2002



industry-leading availability and resource management capabilities, such as online maintenance* and fault isolated Dynamic System Domains.* With its superior total cost of ownership and ability to deliver a high return on investment, the Sun Fire 15K server is ideal for server consolidation. Its efficient, high-throughput balanced architecture is designed for large-scale, high-volume implementations such as data warehousing/business intelligence, ERP/supply chain management, and high-end technical applications.





Sun Cobalt RaO™ XTR

A high performance, software—rich server appliance designed for hosting mission-critical Web sites and applications, while still providing the superior ease of use, flexibility, and reliability for which Sun Cobalt server appliances are known.



Sun Cobalt CacheRaO™ 4

A caching server appliance that improves network response time by providing local storage of content at the edge of the network and delivering recently requested Web documents at lightning speeds.



Sun Cobalt™ Control Station

An aggregated management and service delivery tool designed for Sun Cobalt server appliances, it allows an administrator to manage and deliver services to large numbers of remotely deployed Sun Cobalt appliances dramatically reducing operational costs while improving service offerings



Netra X1 Designed to meet the enterprise and service provider's requirements for compact size and reliability, the Netra X1 is a uniprocessor, 1RU high form factor,

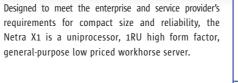
This rack-optimized 1RU high server is an excellent high-

density, low-profile solution for the enterprise, service

providers, and network equipment providers. AC and DC

Netra T1

versions are available.



Sun Enterprise 250

The dual-processor desk side server that combines power, capacity, availability features, and remote management capabilities for remote offices or enterprise environments.



Sun Enterprise 220R and 420R

The two—and four-processor 4RU rack-optimized servers with redundant hot-plug power and storage, for environments where compute density, high performance, and compact packaging are key.



Sun Enterprise 6500



Take the Next Step

Sun servers combine the power of leading-edge technology with the service-level availability, massive scalability, and manageability you need to harness change and turn it to your advantage.



PRODUCTS, PARTNERSHIPS, AND PROGRAMS GIVE YOU THE FLEXIBILITY TO EXCEL

The only constant in the Net Economy is change. Managing change is a start. Better still, transform change into opportunity.

That calls for a technology platform that is future-hungry, not simply future-proof. A platform that delivers on your service-level agreements today, without limiting your options for tomorrow. A platform that reduces complexity and cost at the same time. A platform that connects everything with a digital heartbeat to the network. A platform powered by Sun.



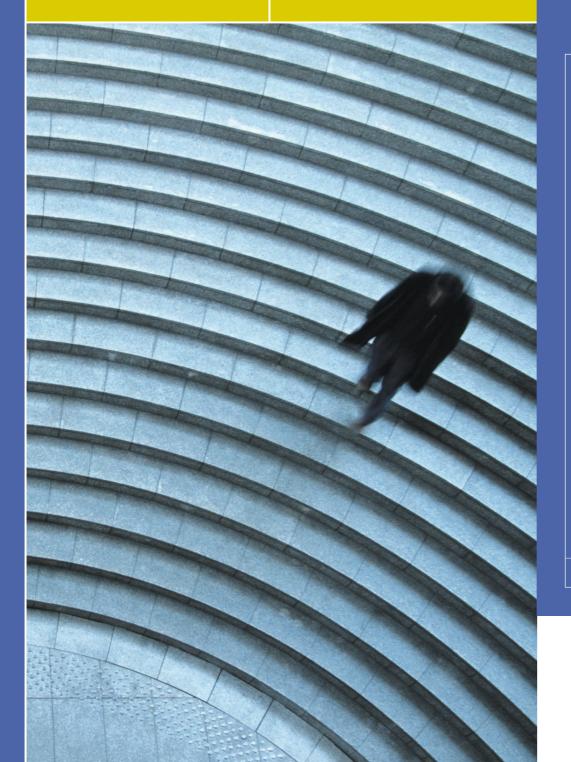
SUN FIRE 15K

"To help EPSON cope with the growing market demand for high temperature polysilicon TFT (Thin Film Transistor) panels that are used in liquid crystal projectors, we have chosen Sun Microsystems for its high reliability and predictable application performance to ensure our production systems are up and running 24 hours a day. Sun Microsystems' new Sun Fire 15K server has taken this to an unprecedented level for us.

From an environmental perspective, Sun's consolidated system is a natural choice for EPSON. The Sun Fire 15K server delivers maximum effectiveness with the minimal number of servers, thus conserving power and space.

Like any business, we want to maximize the effectiveness of our workforce and business processes. What that means to EPSON is that we simply want our applications to run reliably - from our process governance software and our Oracle application to our in-house software."

Yasumasa Otsuki Director & Deputy Chief Executive LCD Operations Division **EPSON**



ENTERPRISE 10000

"Our choice of the StarFire™ server has lowered our cost of software by employing a single server to accomplish what otherwise would have taken several, and we also decreased the footprint on the data center floor. The Sun Enterprise 10000 server has fast Sun UltraSPARC processors, 100 percent more memory than our previous system, and a design structure that allows for relatively simple upgrades or redistribution of resources."

Chief Technology Officer

www.sun.com/servers

ready

Delivering the Next-Generation Data Center, Today

A successful data center must combine the predictability of the traditional glass house with the agility of the Internet. Sun can quickly design, implement, and deploy a robust architecture that supports future scalability and continuous real-time access to your data center or Internet applications. Sun's server line — from the entry-level, single processor system to the high-end 106-way powerhouse – provides the high levels of availability, scalability, and flexibility you need to meet service-level agreements, minimize costs, reduce risk, and run your applications in a highly available, easily managed environment.

Tackling the Rigors of Net Economy Applications

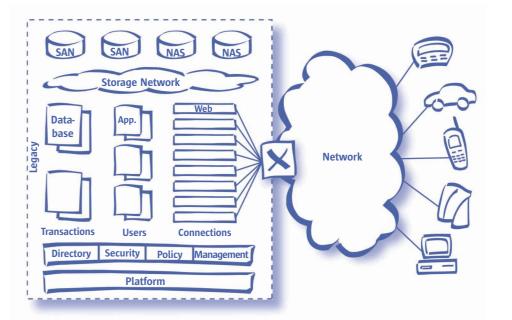
Network services such as e-commerce, online transaction processing, eCRM, data mining, and ERP place extreme requirements on your systems. Sun servers deliver the power to run the most demanding e-business and high-performance computing (HPC) applications, the scalability and flexibility to meet unpredictable spikes in demand for your services, the service-level uptime to keep your end users consistently satisfied, and the compute density to keep efficiency high.

Making Complexity Manageable

Sun's complete line of integrated management tools helps administrators regain control over the complexity of your IT environment:

- With Solaris Resource Manager software, you can consolidate multiple applications and host hundreds of Web servers on a single, reliable Sun server.
- You can improve network bandwidth allocation with Solaris Bandwidth Manager software.
- · With Sun Management Center software, you can actively manage thousands of Sun systems from anywhere on the network.

End-to-End Services Architecture



Network Tier

- Softswitch
- Voice Over IP (VoIP)
- Directory name server Carrier Grade Systems
- Broadband

Data Warehousing

OLTP

- · Wireless Infrastructure
- Mail & calendar server Typical Database Tie
 - High volume chat

Applications

Portal server

Groupware

Application server

eCommerce applications

Network file server

Typical Application Tier Typical Web Tier

- Load balancing
- Firewall
- Proxy caching
- Video streaming · Mail front-end
- Web hosting
- Authentication
- Security

SINGLE FOCUS All of Sun's servers are built to a

BROAD PORTFOLIO

single, focused, service-obsessed architectural vision. We call it the End-to-End Services Architecture.

The End-to-End Services Architecture provides the back-end support for high-powered, heterogeneous, Net Economy computing: increasingly sophisticated Internet servers, application servers, Web servers, database/transactional systems, storage networks, and management systems. Many vendors offer solutions for a single piece of this end-to-end landscape. A few vendors offer several pieces, which, unfortunately may not be good matches with other vendors' solutions. Sun has in place—today—the products, services, and experience to deliver this environment from one end to the other.

It's all built on the reliable Solaris Operating Environment platform using powerful UltraSPARC processors — enabling you to deliver reliable network services to virtually any client device.



Running Platform Software that's as Powerful as it is Popular

Developing applications for the robust, reliable, proven Solaris Operating Environment reduces time, costs, and risk when compared to implementing proprietary solutions. You can choose from more than 12,700 tested, proven business and technical solutions, ranging from popular productivity packages to Internet, e-commerce, decision support, technical compute, and ERP applications. With the Solaris Operating Environment, there's no need to



recompile your system software when upgrading your hardware platform—and no need to retrain your staff. And Java™ technology applications allow you to extend your enterprise securely to partners, suppliers, and customers while speeding time to market

Providing Peace of Mind through Service and Support

Sun's extensive portfolio of service solutions delivers the know-how for safely delivering Reliability, Availability, and Serviceability (RAS) features into your mission-critical environment. Sun's experts help you combine the right people, products, and processes at every stage of implementation. The Integrated Services Portfolio includes:

- Professional consulting expertise to help you architect, design, and deploy a solution that can securely handle accelerated growth with high performance and availability.
- Learning solutions that help provide your IT staff with the skills to assess, architect, build, and manage scalable data centers.
- Comprehensive, flexible support services developed to address the unique needs of the data center and to complement your business model and operational support strategy.

www.sun.com/store

You can purchase most Sun servers from the Sun Store, sun.com/store, or contact a Sun representative or authorized reseller near you for complete details.

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