

## Reduce costs, boost performance and simplify management on your datacenter refresh

Oracle's x86 systems integrates networking, virtualization and management, redefining what's possible in your datacenter.

### Enterprise Ready for Fast ROI

Comprehensive portfolio of enterprise-ready products based on open industry standards

- Up to 16% lower power and cooling costs on Sun Blade modular system vs. comparable IBM and HP systems
- Running Oracle Linux or Solaris with Oracle VM can save up to 59% lower cost of acquisition, support and operating costs, providing a 2x faster payback on investment versus HP systems with VMware and Windows server.
- Oracle Enterprise Manager Ops Center 11g provides a single management layer for the entire stack, from Applications to disk.

When it comes to your x86 datacenter, “good enough” is no longer good enough. Today the goal is to create an infrastructure so powerful and efficient it can actually help separate your company from the competition and bring increased value to your enterprise. And to do that, you need to look at more than just refreshing your servers — you need to transform your infrastructure.

It's probably no surprise that expense reduction and increasing productivity have been top priorities for organizations in the past few years. As companies start to see a turnaround in the economy, they see the opportunity to build upon their cost containment success and start growing in the next business cycle. IT executives are increasingly looking into turning their data infrastructure into a leading partner of the business units in increasing sales growth, improve time to market and service levels, and even creating such a nimble infrastructure to easily enable successful mergers and acquisitions. Oracle can help.

### Designed and Engineered to Work Together

Oracle's Sun x86 clustered systems are designed and engineered to work together for maximum performance with minimum management. The combination of ultra-dense [blade](#) and [rackmount](#) servers with advanced virtualization capabilities and revolutionary management tools allows you to boost application and system performance at the same time you reduce costs and complexity, so you can do more with fewer resources.

The Sun x86 systems based on the new Intel Xeon processors 5600 and 7500 series hold numerous [world record](#) performance benchmarks, and use integrated Flash memory to accelerate the most demanding, data-centric applications. They can be delivered with your choice of [Oracle Linux](#) or [Oracle Solaris](#) operating systems and [Oracle VM](#) preinstalled and pre-tested, decreasing virtualization deployment times by as much as 98 percent. In addition, [Oracle Enterprise Manager Ops Center 11g](#) provides powerful visibility and systems management across the entire stack, so you provision new systems as much as 50 percent faster, update systems as much as 90 percent faster, and reduce downtime by as much as 75 percent.

Oracle is the only vendor on the market to offer dedicated blade I/O channels per blade for maximum configuration flexibility and enabling application workload consolidation. This I/O is also hot swappable, reducing service and upgrade complexity and time. Oracle's unique blade system architecture can be upgraded with zero downtime, and requires half

as many steps to upgrade versus comparable HP blade chassis which can take up to 13x longer to service or upgrade with application downtime required.

### **Optimize Power Requirements, Reduce Cooling Costs**

Advanced power management down to the component level enables you to optimize power consumption and reduce cooling requirements, for as much as 16 percent lower power and cooling costs than with comparable IBM or HP systems. Lower operational costs and faster application deployment add up to a faster return on investment.

### **Advanced Networking for Ultimate Performance**

The same [networking fabric](#) used in [Oracle Exadata Database Machine](#) and [Oracle Exalogic Elastic Cloud](#) is now available to create customized private highly-virtualized environments, providing integration with application infrastructure with high bandwidth, predictable latency and industry standard interface across rackmount, blades and storage.

The benefits of Oracle's network fabric include:

- Lower acquisition and power costs
- Up to 71% less network elements to buy and manage
- Up to 74% better performance

### **Enterprise Operating System Choice, Converged Management**

[Oracle Linux](#) combined with Oracle's [Unbreakable Enterprise Kernel](#) brings the latest Linux innovations to market, delivering extreme performance, advanced scalability, and reliability with enterprise quality, low-cost support. Or chose the innovative, built-in features of [Oracle Solaris](#) that deliver breakthrough virtualization and utilization, high availability, advanced security, and industry leading performance making it an ideal operating system for use on x86 hardware.

[Oracle Enterprise Manager Ops Center 11g](#) provides the management layer for the entire stack, so there is a single tool to manage. Oracle Enterprise Manager Ops Center 11g introduces converged hardware management – a new approach to managing Oracle hardware investments focused on delivering simplicity and efficiency across the management tasks for all infrastructure assets.

### **Redefine What's Possible in Your Datacenter Refresh**

So change the game in your datacenter. Don't just refresh your servers, transform your infrastructure with Oracle's Sun x86 solutions that reduce costs, increase performance, and simplify management.

### **LEARN MORE**

[www.oracle.com/goto/x86](http://www.oracle.com/goto/x86)

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### **Performance and value redefined**

- Accelerate demanding data-centric application performance with the widest array of flash options available.
- Eliminate the need for network administration skills in blade solutions with zero-management blade networking and in-silicon network virtualization.
- Oracle Linux is up to 75% faster than the Red Hat Enterprise kernel with Enterprise quality support at up to 86% less cost.
- Provision new systems up to 50% faster, and update existing systems up to 90% faster with Oracle Enterprise Manager Ops Center 11g.