

DELL™ POWEREDGE™ R900 SERVER



The Dell PowerEdge R900 offers performance with the next generation of quad-core processors, helping organizations address increasing data center complexity. This server's high availability and performance scalability is perfect for virtualizing and consolidating your data center while new management features deliver enterprise performance, simplified.

PERFORMANCE

Designed to give you the latest high-performance technologies, management tools and storage features, the scalable, quad-socket Dell PowerEdge R900 server is a part of Dell's comprehensive solution for databases and business-critical applications such as Microsoft® SQL Server, Oracle® and SAP.® Powered by the latest quad-core 64-bit Intel® Xeon® processors 7300 sequence, the PowerEdge R900 has the memory capacity and multi-core capability required for today's demanding database applications. Seven available I/O slots, 32 DIMM slots, and up to 16 processing cores deliver excellent performance for virtual applications and the headroom required to support future growth.

AVAILABILITY

The PowerEdge R900 server is designed to be part of a comprehensive solution to relevant business challenges. Engineered to keep critical, enterprise applications running around the clock, the server offers availability and reliability. It is fully tested and certified by Dell and leading operating system and application providers to ensure compatibility in an enterprise environment. The R900 supports high line and low line hot plug, redundant power with auto-sensing power supplies, and hot-plug hard drives and cooling fans for full system redundancy. Notably, Dell will be first in the industry to deliver critical inline hard drive firmware updates — no downtime required. Additionally, PERC 6/E provides connectivity to the PowerVault™ MD1000, an external SAS storage enclosure that can help satisfy the performance requirements of both mainstream and demanding single-server applications.

MANAGEABILITY AND SERVICEABILITY

Equipped with a complete suite of systems management tools, the PowerEdge R900 server helps you get the most out of your IT resources. Dell™ OpenManage™ minimizes deployment time, costs and impact on productivity, as well as providing power and virtual machine monitoring via a single interface. What's more, the optional PCI-based Dell Remote Access Card (DRAC5) allows secure management, troubleshooting, repair and upgrade of servers from virtually anywhere. If access to the chassis is required, tool-less access and color-coded hot-plug internal components are designed to provide day-in, day-out ease of serviceability. Furthermore, Dell Enterprise Support Services provide the right level of support and outstanding service quality. Bottom line, IT professionals can spend less time on day-to-day server management and more time on IT innovation.

Designed for high performance, high availability, ease-of-management and simplified serviceability, the Dell PowerEdge R900 is ideal for growing data center environments.



