DELL POWEREDGE R200 SERVER

The Dell™ PowerEdge™ R200 server delivers affordable performance to power web and infrastructure applications for organizations of any size.

RACK-DENSE, FLEXIBLE PERFORMANCE

Data center growth has spurred the need for space-conscious servers that can deliver support for applications without taking up valuable square footage. The PowerEdge R200 server's processor options and rack-dense chassis mean that you can pack the right amount of power into a small form factor.

Featuring the Quad-Core Intel® Xeon® 3300 and 3200 Series Processors, the PowerEdge R200 enables you to experience the benefits of quad-core technology. This technology combines four processing cores into a single processor chip for exceptional performance and power efficiency. It is ideal for running multiple applications and multi-threaded tasks common in many of today's software applications.

For environments that require less processing capability, the PowerEdge R200 server also supports the Dual-Core 3000 series processor, which offers a generous price/performance ratio for incredible value. You can also choose the Intel Core™ 2 Duo, Pentium® Dual-Core or Celeron® processor for simpler tasks such as file and print applications.

SCALABILITY FOR FURTHER FLEXIBILITY AND INVESTMENT PROTECTION

The PowerEdge R200 server is designed to be able to grow as your needs grow and as technology evolves. The new high-performance PCI Express™ architecture delivers flexibility and investment protection. The PowerEdge R200 has a choice of two risers—one with x4 (x8 connector) and x8 PCIe slots, a second with one x8 PCIe slot and one PCI-X® 64/133 slot. Plus, dual embedded Gigabit NICs offer high bandwidth network connectivity, I/O traffic load balancing and failover for performance and data availability.

Additionally, the server supports up to 8GB of ECC DDR2-667/800 memory and is able to support 64-bit applications so that you can easily take advantage of the latest technology developments. It also supports up to two cabled SATA or SAS hard drives enabling as much as 2.0TB of internal storage capacity to meet growing data storage demands.

EASY MANAGEABILITY AND DELL SERVICE OPTIONS

Equipped with a complete suite of systems management tools, the PowerEdge R200 server helps you get the most out of your IT resources. OpenManage™ allows you to easily set up and configure your PowerEdge system components and hardware. It also helps streamline operating system installation and delivers Dell optimized and tested drivers, diagnostics, and utilities. The Dell Remote Access Card (DRAC) allows you to access, monitor, troubleshoot, repair, and upgrade servers from virtually anywhere, anytime.

If your IT resources are stretched, let Dell Services handle the setup and installation for you. Dell can pre-install and test your operating system. Or let Dell Custom Factory Integration fully configure and test your hardware and software before it arrives at your site. We can even deploy your server in your environment with our Server Installation Service.

Put the PowerEdge R200 server behind your web and infrastructure applications for exceptional performance, scalability, and manageability in a rack-dense form factor.

ABOUT DELL GLOBAL SERVICES

Dell Services can help reduce IT complexity, lower costs, and eliminate inefficiencies by making IT and business solutions work harder for you. The Dell Services team takes a holistic view of your needs and designs solutions for your environment and business objectives while leveraging proven delivery methods, local talent, and in-depth domain knowledge for the lowest TCO.

FEATURES	DELL™ POWEREDGE™ R200 SERVER
Form Factor	1U rack
Processors	Dual and Quad-Core Intel® Xeon® 3000 Sequence Processors Intel® Core™ 2 Duo processors Intel® Pentium® Dual-Core processors Intel® Celeron® processors
Processor Sockets	1
Front Side Bus or HyperTransport	Up to 1333 MHz
Cache	Up to 6MB
Chipset	Intel 3200
Memory	512MB-8GB DDR-2 667/800 ECC SDRAM
I/O Slots	Four total: two Gigabit embedded NICs plus one of two risers: Riser 1: one PCI-X® slot (64-bit/133MHz); one PCI Express™ slot (1x8 lane) Riser 2: two PCI Express slots (1x4 lane with x8 connector and 1x8 lane)
Drive Controller	Embedded SATA Controller, Optional SAS 5/E Controller
RAID Controller	Optional SAS 6/iR or PERC 6/E
Drive Bays	2 x 3.5" cabled SATA or SAS 1 x slim-type optical
Maximum Internal Storage	2.0TB (2x1.0TB) SAS 2.0TB (2x1.0TB) SATA
Hard Drives[1]	3.5" SAS (10K rpm): 400GB 3.5" Nearline SAS (7.2K rpm): 500GB, 750GB and 1.0TB 3.5" SAS (15K rpm): 73GB, 146GB, 300GB, and 450GB 3.5" SATA (7.2k rpm): 80GB, 160GB, 250GB, 500GB, 750GB and 1.0TB
Network Interface Cards	Dual embedded Broadcom® Gigabit NICs Optional single and dual port Intel PRO/1000 PT Gigabit adapter (copper) Optional single port Intel PRO/1000 PF (fiber) Optional Broadcom® NetXtreme™ Gigabit adapter Intel® Gigabit ET Dual Port Server Adapter and Intel® Gigabit ET Quad Port Server Adapter
Power Supply	345W non-redundant, auto-sensing
Uninterruptible Power Supplies	1000W-5600W 2700W-5600W High Efficiency Online Extended Battery Module (EBM) Network Management Card
Availability	ECC memory; optional SATA and SAS RAID solutions; tool-less chassis; DRAC 4/p for accessing the system independent of the OS status
Video	Embedded ATI ES1000 with 32MB memory
Remote Management	Standard BMC with IPMI 1.5 support; optional DRAC 4/p for advanced capabilities
Systems Management	Dell™ OpenManage™
Rack Support	4 post; 1U rack; toolless chassis access
Operating Systems	Microsoft® Windows® Small Business Server 2008 Microsoft® Windows® Essential Business Server 2008 Microsoft® Windows Server® 2008 SP2, x86/x64 (x64 includes Hyper-V™) Microsoft® Windows Server® 2008 R2, x64 (includes Hyper-V™ v2) Microsoft® Windows® HPC Server 2008 Novell® SUSE® Linux® Enterprise Server Red Hat® Enterprise Linux® For more information on the specific versions and additions, visit www.dell.com/OSsupport.
Embedded Hypervisor	NA

[1] For hard drives, GB means 1 billion bytes and TB equals 1 trillion bytes; actual capacity varies with preloaded material and operating environment and will be less.

SIMPLIFY YOUR SERVERS AT DELL.COM/PowerEdge