

Dell PowerEdge 3250



The Dell™ PowerEdge™ 3250 server combines advanced Itanium 2® processor technology, a small form factor, scalability and standards-based flexibility to power High Performance Computing Cluster environments.

Powerful Performance

The PowerEdge 3250 server delivers excellent power and performance in a rack-optimized 2U form factor. It is designed to support two Itanium 2 processors, making it an ideal node for compute intensive High Performance Computing Clusters (HPCC). The latest generation in the Intel® Processor Family, the Itanium 2 chip is based on the Explicitly Parallel Instruction Computing design philosophy to ensure performance scaling and address common architectural challenges.

Additionally, the server offers fast access to large data sets with up to 6MB L3 of integrated cache and 16GB of registered DDR200/266 SDRAM. Plus, it includes an Ultra 320 SCSI controller and a 400MHz system bus for fast interface from system bus to hard drives.

Value and Expandability

Based on industry standard technology, the PowerEdge 3250 server can help contribute to innovations in supercomputing. It is compatible with many hardware and software products and cost-effectively integrates into your existing infrastructure. Additionally, the PowerEdge 3250 server offers investment protection and outstanding platform longevity by supporting multiple generations of the Itanium processor family.

The PowerEdge 3250 server offers further investment protection with highly expandable features. It is scalable, with up to eight DIMM slots enabling you to increase server memory as your needs increase. And it provides three PCI-X I/O slots so you can expand the functionality of your system by adding PCI-X cards.

Availability

Hot-plug redundant power supplies and hot-plug SCSI hard drives make the server highly available for the intense demands of HPCC. Plus, integrated mirroring enables you to mirror the operating system or data on local drives to guard against system outages or data loss. Advanced Machine Check further helps minimize loss, corruption or downtime.

Manageability and Serviceability

The PowerEdge 3250 server is designed for simple manageability. Its remote management capabilities enable you to manage your remote server infrastructure from a centralized location. Integrated Baseboard Management Controller support allows remote access through a serial port or network connection without consuming a dedicated PCI slot. Plus, the PowerEdge 3250 provides an intuitive graphical user interface to easily monitor server status and control system activities.

The PowerEdge 3250 server provides excellent power and performance for the price making it a compelling alternative to RISC-based systems for High Performance Computing Environments.



PowerEdge 3250

Exceptional performance. Easy as **DELL**™

Visit www.dell.com for more information.

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DELL ENTERPRISE SERVICES

By leveraging the proven advantages of our direct model, including tailored service and support, low cost and a single point of accountability, Dell Services can provide you with fast, effective, affordable service offerings at any point in your IT process. Whether you need professional consulting, training and certification, deployment, or support services, Dell promises to be your single point of accountability at all times.

Professional Services

Dell Professional Services enables Dell customers to optimize ROI by leveraging complex technology through the design, development and deployment of innovative, robust and scalable business-critical solutions. With each engagement, we utilize our proven methodology and project management expertise to understand your business objectives, design plans that are flexible to adapt to your current environment and then deliver the desired results.

Deployment Services

We bring you deployment assistance that delivers true value from beginning to end. Dell can tailor systems to our customers' specifications by customizing the hardware and software configuration during the initial system-build to reduce redundancy and time. We can manage the delivery, installation and disposal of your assets with the same eye for efficiency.

Training and Certification Services

Our approach to Training and Certification allows you to outsmart your competitors - not outspend them - with industry standard learning across Dell hardware and industry standard software. Dell can assist you wherever you need us, whether on-site, on-line or in a classroom setting, to help your organization take full advantage of information technology.

Enterprise Support Services

Technology is a significant investment, and it pays to have a partner who can help you minimize costly downtime. Through our Enterprise Support Services offerings, Dell provides tiered support service packages with the flexibility to customize the offering to meet your specific needs across a wide range of computing environments. With proactive and reactive support options which include hardware and software support with varied response levels, account management, and remote resolution, Dell provides support solutions that meet your needs, cost effectively.

Services vary by region. For more information on the available services in your area, please visit www.dell.com.

Feature	PowerEdge™ 3250 Server
Processors	Up to 2 Intel® Itanium® 2 processors (1.5GHz/6MB L3, 1.3GHz/3MB L3, 1.4GHz/1.5MB L3, 1.0GHz/1.5MB L3)
Chipset	Intel E8870 chipset
Front Side Bus	400MHz
I/O Channels	5 total: 3 x 64-bit/100MHz PCI-X slot, and 2 x Gigabit embedded NICs
Starting/Maximum Memory	4GB/16GB DDR SDRAM (utilizes DDR266 operating at DDR200)
Availability	Advanced machine check architecture, memory scrubbing, and end-to-end ECC protection for all data Embedded RAID 1 for internal hard drives
Internal Storage	2 x 1" SCSI drives (18/36/73/146GB SCSI)
Internal Storage Performance	10K/15K RPM SCSI drives
External Storage	PowerVault™ 2XXS
Local Media	No internal floppy, internal CD-ROM standard, or internal DVD-ROM (optional), optional external USB floppy, or USB key
Embedded SCSI	Dual Channel U320
RAID Support	Optional add-in U320 RAID controller
Tape Support	Internal: N/A External: N/A
Video	ATI Rage XL VGA
Networking	Intel PRO1000
High Performance Computing Cluster	Yes
Chassis	Rack only
Power Supply	Front loading - 2 x 350W non-redundant; 3 x 350W redundant
Front Panel	Active ID (bezel), 2 x USB 1.1, 1 x Video, system indicator light, power supplies, LEDs: general fault, NIC activity, hard drive activity
Rear Panel	System ID, 2 x USB 1.1, 1 x Video, 2 x RJ-45, 3 x PCI-X
Remote Management	Embedded Baseboard Management Controller w/ dedicated serial port, Serial over LAN via integrated NIC also available
Systems Management	Managed Node Console
Rack Support	4-post (Dell rack)
Operating Systems	Microsoft® Windows® Server 2003 Enterprise Edition Red Hat® Enterprise Linux AS 2.1 Red Hat Enterprise Linux WS 2.1

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