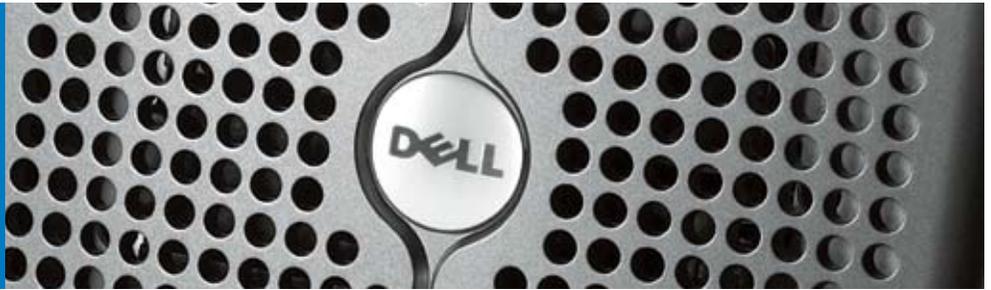# Dell PowerEdge 800 Server

The Dell™ PowerEdge™ 800 general purpose server offers small to medium businesses, remote locations and retail point-of-sale environments full server functionality at a budget-friendly price.

Performance

Delivering performance features typically found in higher end systems, the PowerEdge 800 single processor server brings the same server functionality that large organizations rely on to smaller, budget-conscious offices. With a single Intel® Pentium® 4 processor and 800MHz front side bus, the PowerEdge 800 tower server delivers exceptional speed to keep information flowing quickly and efficiently throughout your organization, no matter how small or how spread out among remote locations it may be. It also includes Intel Extended Memory 64 Technology (EM64T) to enable continued utilization of existing 32-bit technology and the capacity to incorporate 64-bit operating systems and applications in the future. Additionally, it features DDR-2 memory for future scalability and performance advantages and PCI Express™ architecture to provide next generation data input/output (I/O) capacity that cost-effectively delivers outstanding scalability and performance.

Availability

Designed to provide reliable data access, the PowerEdge 800 server incorporates many of the latest high availability features. ECC memory allows the system to tolerate a single-bit memory chip error without interrupting operation. Plus, you can select from a choice of RAID configurations so that redundancy is built into your system. The PowerEdge 800 server also supports leading high capacity IDE or SCSI tape backup solutions for increased data availability and peace of mind.

Easy Installation and Manageability

In addition to exceptional performance, the PowerEdge 800 server is easy to install and manage, an important factor for organizations with remote locations or limited IT resources. It is delivered with Dell OpenManage™ Suite, a software system that provides simple deployment, change management and monitoring options.

Additionally, the PowerEdge 800 server includes an Integrated Baseboard Management Controller that supports IPMI 1.5 standards. This allows you to conveniently manage the server remotely over network or serial connections with an industry-standard management program. Plus, the DRAC 4/P Management Card provides remote access, monitoring, troubleshooting and repair services independent of the operating system status making the PowerEdge 800 server ideal for remote locations. Moreover, on-site repair is easy. The server includes up to four EasyExchange SCSI hard drives and features a tool-less chassis so you can maintain the system without hassle or complex server knowledge.

You no longer have to sacrifice performance to stay within your budget. The PowerEdge 800 server is designed for affordability, simplicity and high performance.

Dell PowerEdge 800

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Dell PowerEdge 800

DELL ENTERPRISE SERVICES

By utilizing 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. By doing so, we offer a combination of bundled best practices and tailored solutions that work together to provide maximum value to you. Whether you need support, deployment, training and certification programs, or professional consulting services, individually or bundled as a total package, Dell promises to be your single point of accountability at all times.

Professional Services

Dell Professional Services enables Dell customers to optimize ROI by utilizing 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

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 Premier Enterprise Support Services (PESS) 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.

FEATURES	Dell™ PowerEdge™ 800
Form factor	Tower only
Processors	Single Intel® Pentium® 4 processor at up to 3.8GHz (3.2GHz and up support 32-bit/64-bit) or single Intel Celeron® processor at up to 2.53GHz
Front side bus	800MHz for Pentium 4; 533MHz for Celeron
Cache	Up to 2MB L2 for Pentium 4; 256K L2 for Celeron
Chipset	Intel E7221
Memory	256MB/4GB ECC DDR-2 400/533 SDRAM
I/O channels	Five total: two PCI Express™ slots (2 x 1 connector); two PCI-X® slots (64-bit/100MHz, 3.3v); one PCI slot (32-bit/33MHz, 5v)
Drive controller	Four channel embedded SATA controller
RAID controller	Optional CERC SATA 2s, CERC SATA 6ch, PERC 4/DC, PERC 4/SC
Drive bays	Four 1" SCSI (hot-plug or non-hot plug) drives or four 1" cabled SATA drives
Maximum internal storage	Up to 1.2TB
Hard drives[1]	36GB, 73GB, 146GB and 300GB (10,000 rpm) SCSI 36GB (15,000 rpm) SCSI 40GB, 80GB, 160GB and 250GB (7,200 rpm) SATA
Internal storage	10K/15K RPM SCSI drives; 7.2K RPM SATA drives
External storage	Dell PowerVault™ SCSI
Tape backup options	Internal: PV100T Travan™, PV110T DLT VS160, PV100T DAT72 External: PV100T DAT72
Network interface card	Single embedded Broadcom® 5721 Gigabit[2] Ethernet controller
Power supply	1 x 420W non-redundant
Availability	Highly serviceable chassis; ECC memory; hot-plug SCSI hard drives; non hot-plug SCSI EasyExchange hard drives; optional hardware or software SATA or SCSI RAID
Video	Embedded video with 8MB SDRAM
Remote management	Baseboard Management Controller with IPMI 1.5 compliance, accessible via network or serial port; optional DRAC 4/P
Systems management	Dell OpenManage™
Rack support	3rd party only
Operating systems	Microsoft® Windows® Small Business Server 2003, Standard/Premium; Microsoft Windows Server™ 2003, Standard Edition; Red Hat® Enterprise Linux® ES v3; Novell® NetWare® 5.1 and 6.5

[1]For hard drives, GB means 1 billion bytes; actual capacity varies with preloaded material and operating environment and will be less.
[2]This term does not connote an actual operating speed of 1 GB/sec. For high speed transmission, connection to a Gigabit Ethernet server and network infrastructure is required.

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