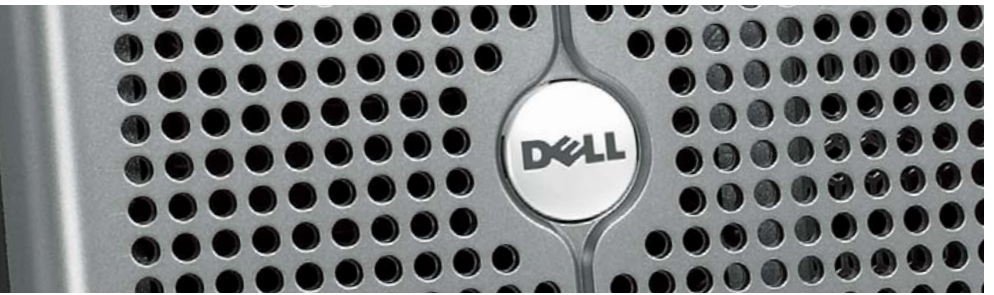


## Dell PowerEdge 1800 Server



**The Dell™ PowerEdge™ 1800 delivers a great balance of 2P performance with entry level features, expandability and affordability.**

### Affordable Performance

The PowerEdge 1800 server uses the latest Intel® Xeon™ processors and the Intel 7520 chipset to provide impressive speeds with an 800MHz on a Front Side Bus creating a fast path for data to move between the memory and the processor. And it offers DDR-2 memory for high quality data transmissions and future expandability. The PowerEdge 1800 system is designed for budget-friendly performance. Not only is it entry-level priced, it also supports legacy operating system support to help reduce Total Cost of Ownership.

### Expandability and Flexibility

Another key benefit of the PowerEdge 1800 server is its built-in expandability and configuration flexibility. Expandability begins at the core of the system with Intel Extended Memory 64 Technology in the processor<sup>1</sup>. This allows you to deploy 32-bit technology today with the capacity to move to 64-bit operating systems and applications in the future. The PowerEdge 1800 server also offers up to 12GB of memory for expandable application performance and as many as six hard drives. Plus, the server's PCI Express™ architecture delivers next generation I/O throughput that provides headroom for future high throughput peripherals.

The PowerEdge 1800 server provides a wide range of configuration options. The flexible chassis can be deployed either as a tower or a 5U rack server. As a result, it can easily be moved from distributed locations into the datacenter. It also features an embedded Network Interface Controller and single channel SCSI for further configuration flexibility, leaving all of the I/O slots open.

### Availability

Additionally, the PowerEdge 1800 system includes many high availability features to help maximize server uptime. It offers hot-plug redundant power supplies and SCSI hard drives along with a full range of RAID alternatives and an Active ID system health indicator. And it offers Storage Area Network, High Availability Clustering and external storage support for optimum data protection.

### Manageability and Serviceability

The PowerEdge 1800 server is easy to manage and service which is designed to lower maintenance costs and help ensure less downtime. It features remote manageability with a Standard Baseboard Management Controller that has Intelligent Platform Management Interface (IPMI) 1.5 compliance. This enables management from any industry-standard management program that supports IPMI. Plus, you have the option of adding a DRAC 4/P management card for an even wider range of remote management capabilities that include continuous video console, integration with Active Directory and even virtual floppy/CD access. And the tool-less chassis along with rear access to power supplies makes the PowerEdge 1800 system simple to service.

The PowerEdge 1800 server delivers entry-level pricing with the latest in processor technology, expandable performance, availability and manageability, all in a flexible, cost-effective system.



Dell PowerEdge 1800



# Dell PowerEdge 1800 Server

## 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. 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 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

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.

## FEATURES Dell™ PowerEdge™ 1800 Server

<b>Form factor</b>	Tower or 5U rack-mount
<b>Processors</b>	Up to two Intel® Xeon™ processors with Intel Extended Memory 64 Technology <sup>1</sup> up to 3.4GHz
<b>Front side bus</b>	800MHz
<b>Cache</b>	1MB L2
<b>Chipset</b>	Intel E7520
<b>Memory</b>	256MB/12GB DDR-2 400 SDRAM
<b>I/O channels</b>	Six total: two PCI Express™ slots (1 x 8 lane and 1 x 4 lane); two PCI-X® slots (64-bit/100MHz); one PCI (32-bit/33MHz, 5v) and one PCI (64-bit/66MHz)
<b>Drive controller</b>	Embedded single channel Ultra320 SCSI and two-channel SATA controller
<b>RAID controller</b>	Optional CERC SATA 6ch, CERC SATA 2S, PERC 4/DC, PERC 4/SC and PERC 4e/DC
<b>Drive bays</b>	Six 1" Ultra320 hot-plug SCSI drives or six cabled SATA drives
<b>Maximum internal storage</b>	SCSI: up to 1.8TB with availability of 300GB hard drive; SATA: up to 1.5TB
<b>Hard drives<sup>2</sup></b>	36GB, 73GB, 146GB and 300GB <sup>3</sup> (10,000 rpm) Ultra320 SCSI 18GB, 36GB, 73GB and 146GB <sup>3</sup> (15,000 rpm) Ultra320 SCSI 40GB, 80GB, 160GB and 250GB (7,200 rpm) SATA
<b>Internal storage</b>	10K/15K RPM SCSI drives; 7,200 RPM SATA drives
<b>External storage</b>	Dell PowerVault™ SCSI and Dell/EMC fibre channel storage
<b>Tape backup options</b>	Internal: PowerVault 100T, 110T; 1/2 height tape drives supported internally External: PowerVault 114T, 122T and 132T
<b>Network interface card</b>	Single embedded Intel 10/100/1000 Gigabit <sup>4</sup> NIC; Intel PRO/1000 MT Gigabit NIC (copper), Intel PRO/1000 MF Gigabit NIC (fibre)
<b>Power supply</b>	650W non-redundant or 675W hot-plug redundant power
<b>Availability</b>	ECC memory, Single Device Data Correction (SDDC); optional hot-plug SCSI hard drives; optional hot-plug redundant power; tool-less chassis; high availability fibre channel and SCSI cluster support; optional hardware or software RAID; Active ID
<b>Video</b>	Embedded ATI Radeon 7000-M with 16MB SDRAM
<b>Remote management</b>	Baseboard Management Controller with IPMI 1.5 compliance, accessible via network or serial port; optional DRAC4/P PCI card
<b>Systems management</b>	Dell OpenManage™
<b>Rack support</b>	4-post (Dell rack) and 3rd party
<b>Operating systems</b>	Microsoft® Windows® Server 2003 Standard Edition, Windows Server 2003 Enterprise Edition, Windows Server 2003 Small Business Premium Edition, Windows Server 2003 Small Business Standard Edition, Red Hat® Linux® Enterprise v2.1 AS and ES and Red Hat Linux Enterprise v3 AS and ES, Novell® NetWare® 5.1 and 6.5

<sup>1</sup>Support scheduled for Q1 2005

<sup>2</sup>For hard drives, GB means 1 billion bytes; actual capacity varies with preloaded material and operating environment and will be less

<sup>3</sup>Availability scheduled for Q4 2004

<sup>4</sup>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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