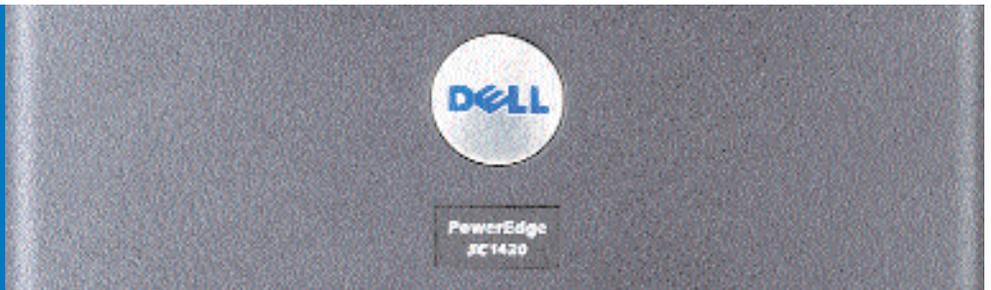# Dell PowerEdge SC1420 Server

The Dell™ PowerEdge™ SC1420 is a general-purpose, dual processor tower server that brings value-price performance, expandability and deployment flexibility to the small business customer.

Value-Price Performance

Designed to address small business' need for a file/print, small workgroup, e-mail, web or dedicated application server, the PowerEdge **SC**1420 cost-effectively delivers the latest technology features pertinent to small business computing needs.

This tower server includes up to two Intel® Xeon™ processors for high clock speeds up to 3.6GHz and impressive data bandwidth with an 800MHz Front Side Bus. It also provides next generation memory technology and dual channel memory architecture which are designed to improve system performance. Plus, PCI Express™ slots help optimize performance and deliver investment protection. These slots offer serial, or point-to-point, connectivity so that each device has a dedicated connection without sharing bandwidth. The end result is outstanding performance.

Expandability

The PowerEdge **SC**1420 incorporates plenty of room to expand. You can add up to four hard drives, up to 8GB of SDRAM and up to two additional Network Interface Cards as your business grows. And when advanced operating systems are available, such as those supporting 64-bit technologies, the server has the processor and chipset to support these new developments. The PowerEdge **SC**1420 RAID options also include support for emerging Serial ATA (SATA) storage interface technology and SCSI RAID. Both solutions offer a cost-effective way to add availability to the server.

Deployment Flexibility

Built with the growing needs of small businesses in mind, the PowerEdge **SC**1420 allows you to design a system that meets your budget today, yet provides options for change tomorrow. You can increase memory, add a second processor, add internal HDD storage, increase optional RAID support and internal tape backup support as well as include optional removable media devices like CD-ROMs, DVDs and diskette drives. The PowerEdge **SC**1420 gives you the flexibility to purchase and deploy just what you need when you need it.

Tailored to fit the server requirements of small businesses, the PowerEdge **SC**1420 delivers the latest technology, value-price performance, deployment flexibility and expandability so that you can devote resources to your specific requirements.

Dell PowerEdge **SC**1420

GET MORE PERFORMANCE AND VALUE. GET MORE OUT OF NOW.

Dell PowerEdge SC1420 Server

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™ SC1420 Server
Processors	Up to two Intel® Xeon™ processors with Intel Extended Memory 64 Technology
Form factor	Tower only
Front side bus	800MHz
Cache	Up to 2MB L2
Chipset	Intel E7520
Memory	256MB/8GB ECC DDR2-400 SDRAM
I/O channels	Six total: two PCI Express™ slots (1 x 4 connector and 1 x 8 connector); three PCI-X® slots (64-bit/100MHz); one PCI slot (32-bit/33MHz) consumed
Drive controller	Embedded dual channel SATA, SCSI hard drives with optional PCI controller
RAID controller	CERC SATA 2s, CERC SATA 6ch, SCSI Software RAID 1, PERC Ultra320
Drive bays	4 x 1" SATA or SCSI drives; non-hot swap
Maximum internal storage	Up to 584GB Ultra320 SCSI; up to 1.0TB SATA
Hard drives	73GB and 146GB (10,000 rpm) Ultra320 SCSI with optional PCI controller 40GB, 80GB, 160GB and 250GB (7,200 rpm) SATA
Internal storage performance	10K RPM SCSI drives; 7,200 RPM SATA drives
Network interface card	Single embedded Intel Gigabit NIC
Power supply	1 x 460W
Availability	ECC memory, SDDC, RAID options
Video	ATI Rage XL Graphics Card
Systems management	Dell Server Assistant for PowerEdge SC Servers
Rack support	None
Operating systems	Microsoft® Windows Server™ 2003, Standard x64 Edition; Microsoft Windows Server 2003 Standard Edition;Microsoft Windows Small Business Server 2003 Standard/Premium; Red Hat® Enterprise Linux® v3

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