

DELL POWEREDGE SC1430 SERVER



The Dell™ PowerEdge™ SC1430 is a general-purpose, 2-socket tower server that brings value-price performance, expandability and business-ready solutions to the small business customer.

Value-Price Performance

Designed to address the small business need for a file/print, small workgroup, e-mail, web or dedicated application server, the PowerEdge SC1430 cost-effectively delivers the latest technology features pertinent to small business computing needs.

This tower server includes up to two Intel® Xeon™ processors with high clock speeds up to 3.0GHz and impressive data bandwidth with up to a 1333MHz Front Side Bus. 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.

Simplicity

The PowerEdge SC1430 incorporates plenty of room to expand yet does so in one of the industry's smallest 2-socket tower form factors. You can add up to four hard drives, up to 8GB of Fully Buffered DIMM (FBD) SDRAM and up to five PCI slots to support you as your business grows. The scalable memory and expansion slots allow customers to increase memory and connectivity as their applications require. Many Internet and network infrastructure applications will benefit from increased memory scalability and fast access to memory data. The PowerEdge SC1430 RAID options also include support for developing Serial ATA II (SATA) storage interface technology and SAS. Both solutions offer a cost-effective way to add availability to the server.

Business-Ready Solutions

Built with the growing needs of small businesses in mind, the PowerEdge SC1430 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 hard-drive 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 SC1430 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 SC1430 delivers the latest technology, value-price performance, deployment flexibility and expandability so that you can devote resources to your specific requirements.



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DELL IT INFRASTRUCTURE SERVICES

Dell brings pure execution to IT Services. The planning, implementation and maintenance of your IT infrastructure deserves nothing less. Variability in execution can compromise user productivity, IT resources and ultimately, your reputation. By leveraging our heritage of process driven excellence, Dell Services can deliver a smarter way.

We don't claim to do everything. We focus on IT infrastructure services. And we take a customer led approach, grounded in the philosophy that you know your business better than anyone. That's why Dell does not try to take key business decisions out of your hands, or lock you into more than you need. Instead, we apply our world-class process management and "no excuses" culture to deliver what customers today most need – flexibility and repeatable quality. That's absolute execution. That's Dell.

Assessment, Design and Implementation Services

IT departments are continually challenged to evaluate and implement new technologies. Dell's assessment, design and implementation services can restructure your IT environment to enhance performance, scalability and efficiency while helping to maximize your return on investment and minimize disruption to your business.

Deployment Services

System deployment is a necessary evil that plagues nearly every organization. You must deploy new systems to help improve performance and meet user demand. With Dell's deployment services, we help simplify and speed up the deployment and utilization of new systems to maximize uptime throughout your IT environment.

Asset Recovery and Recycling Services

Proper disposal, reselling and donation of computer equipment is a time-consuming task that typically falls to the bottom of many IT to-do lists. Dell simplifies the end of life processes for IT equipment in a way that can maximize value for customers.

Training Services

Arm your employees with the knowledge and skills they need to be as productive as possible. Dell offers comprehensive training services which include hardware and software training, as well as PC skills and professional development classes. With Dell training you can help improve system reliability, maximize productivity and reduce end user requests and downtime.

Enterprise Support Services

With Dell, you can get maximum performance and availability of your Dell server and storage systems. Our Enterprise Support services offer proactive maintenance to help prevent problems as well as rapid response and resolution of problems when they do occur. We have built a robust global infrastructure that offers multiple levels of enterprise support for systems throughout your infrastructure.

To help you get the most from your Dell systems, visit www.dell.com/services.

Services vary by region.

www.dell.com

FEATURES DELL™ POWEREDGE™ SC1430 SERVER

Form factor	Tower only
Processors	Up to two Quad-Core Intel Xeon 5300 sequence processors at up to 1.86GHz; Up to two Dual-Core Intel Xeon 5100 sequence processors at up to 2.33GHz; Up to two Dual-Core Intel Xeon 5000 sequence processors at up to 3.0GHz
Front side bus	Intel Xeon 5300 Sequence: Dual Independent 1066MHz; Intel Xeon 5100 Sequence: Dual Independent 1066MHz or 1333MHz; Intel Xeon 5000 Sequence: Dual Independent 667MHz
Cache	Intel Xeon 5300 Sequence: 2x4MB; Intel Xeon 5100 Sequence: 4MB; Intel Xeon 5000 Sequence: 2x2MB
Chipset	Intel 5000V
Memory	Up to 8GB (4 DIMM slots): 256MB/512MB/1GB/2GB Fully Buffered DIMMs (FBD) in matched pairs, 533MHz or 667MHz
I/O slots	Five total: Two PCI Express™ (x4), two PCI-X® (100MHz/64 bit) and one PCI (33MHz/32 bit, 5V)
Drive controller	Embedded SATA II controller
RAID controller	PERC 5/i (optional) or SAS 5/iR (optional)
Drive bays	4 x 3.5" Hard Drive Option: 4 SAS (10K) or SATA II (7.2K) drives; non hot swap
Maximum internal storage	Up to 3TB: four 750GB cabled 3.5" SATA (7.2K RPM)
Hard drives¹	3.5" SAS (10K RPM): 73GB, 146GB, 300GB; 3.5" SAS (15K RPM): 36GB, 73GB; 3.5" SATA II (7.2K RPM): 80GB, 160GB, 250GB, 500GB, 750GB
Internal storage performance	10K RPM SAS drives; 7.2K RPM SATA drives
Network interface card	Single embedded Broadcom® Gigabit ² NIC
Power supply	750W
Availability	ECC memory (up to 8GB); SDDC; RAID options; Quad-pack LED Panel; Online Diagnostics
Video	Embedded ATI ES1000 with 16MB memory
Systems management	OpenManage™ DSA for SC; BIOS Update (DUP); Basic hardware monitoring
Rack support	None
Operating systems	Microsoft® Windows® Server 2003 R2, Standard, x64 Edition; Microsoft Windows Server 2003 SBS R2, Standard and Premium Edition; Red Hat® Linux® Enterprise v4, ES and ES EM64T; SUSE Linux Enterprise Server 10 EM64T

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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