

Dell PowerEdge SC430 Server



The Dell™ PowerEdge™ SC430 offers small businesses an affordable server with room to grow.

Productivity

This award-winning server line now has Intel's dual core technology for more processing performance than ever before. The PowerEdge **SC430** has multiple processor options. Dual core technology combines two processing units into a single processor for dramatic increases in performance. Intel® Pentium® 4 processors and Celeron processors provide alternative options for performance and value. With so many options, customers are able to select the power that fits within their budget and best serves their needs. This server delivers exceptional value for small businesses replacing a peer-to-peer network or an old server.

The PowerEdge **SC430** features Microsoft® Small Business Server 2003, designed to help small businesses take advantage of the Internet, strengthen customer relationships and improve employee productivity. And with additional operating system choices, the server can help customers easily transition from bottle-neck prone peer-to-peer networks to a client-server environment without frustration.

Flexibility

The PowerEdge **SC430** is designed to give small businesses the flexibility necessary to stay competitive. With 50% more storage capacity and 50% more high performance networking slots than the previous generation Dell server, the **SC430** can scale with the growing needs of the business. Its memory, I/O technology and storage capacity make the PowerEdge **SC430** an ideal option for small businesses with five to ten clients that require high uptime for dedicated applications, file/print utilization, messaging and shared Internet access.

Easy to Get Up and Running

Dell understands that small and medium-sized organizations have limited budget and IT support resources. That's why ease of management is a key feature of the PowerEdge **SC430**. It is designed to be easy to set up, run and troubleshoot. The PowerEdge **SC430** comes with Dell Server Assistant for PowerEdge SC servers for quick and easy deployment.

The PowerEdge **SC430** server delivers affordable performance giving small businesses a server with room to grow as they do.



Dell PowerEdge **SC430**

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





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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 lifecycle. These offerings are a combination of bundled best practices and tailored services that together help maximize the value of your Dell system while helping to minimize your total cost of ownership.

Whether you need installation services, support or training and certification programs, individually or bundled as a total package, Dell can be your single point of contact. Our commitment extends to helping you grow your business by adopting evolving technologies and applications that can optimize the performance of your organization – you can count on Dell.

Deployment Services

Dell can offer you deployment assistance that delivers true value from beginning to end. When ordering your server, you can specify the components and software configuration that meet your system performance needs. Along with managing the delivery of your system, we can provide installation services that both speed up deployment and free you up to concentrate on other strategic projects. In addition, we can dispose of your obsolete systems and outdated computer equipment.

Training and Certification

Our approach to Training and Certification is designed to allow 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.

Choose the level of support that matches your response requirements and budget, including proactive and reactive hardware and software support options that provide varied response levels, account management and remote resolution.

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

FEATURES Dell™ PowerEdge™ SC430 Server

Form factor	Tower only
Processor(s)	Single Intel® Socket-T Celeron® processor at up to 2.53GHz; P4 Prescott processor at up to 3.0GHz; Pentium® D processor at up to 3.2GHz
Front side bus	533MHz or 800MHz
Cache	Up to 2MB
Chipset	Intel E7230
Memory	256MB/4GB ² DDR2-533MHz (single DIMM config)
I/O channels	Five total: three PCI Express™ slots (1 x 8, 1 x 4, 1 x 1); two PCI slots (32-bit/33MHz), 5v
Drive controller	Embedded 4xSATA channels; optional Adaptec U320 (PCI)
RAID controller	OS-Based RAID 0-1
Tape support	Travan TR40 (IDE); DAT 72 (SCSI)
Drive bays	1 x 3.5" floppy optional; 2 x 5.25" total bays: (CD optional) one for CD, CD/DVD-ROM, CD-RW/DVD combo; one for TBU
Maximum internal storage	Up to two 300GB cabled SCSI for max 600GB; Up to two 250GB SATA for max 500GB
Hard drives¹	73GB, 146GB and 300GB SCSI (or) 40GB, 80GB, 160GB and 250GB SATA
Internal storage performance	10K RPM SCSI drives; 7.2K RPM SATA drives
Network interface card	Single embedded Gigabit ³ NIC
Availability	ECC memory; OS Based RAID 0 or 1
Systems management	Dell Server Assistant for PowerEdge SC
Rack support	None
Operating systems	Microsoft® Windows® 2003 Server (both IA32 and EM64T versions); Microsoft Windows Small Business Server 2003; Red Hat® Linux® ES 4.0 (including EM64T support); SUSE® Linux 9.0 (not factory installed)

¹For hard drives, GB means 1 billion bytes; actual capacity varies with preloaded material and operating environment and will be less.

²The total amount of usable memory available will be less, depending on the actual system configuration. To utilize more than 4GB of memory requires a 64-bit OS.

³This term does not connote an actual operating speed of 1GB/sec. For high speed transmission, connection to a Gigabit Ethernet server and network infrastructure is required.

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