

Dell PowerEdge 600SC Server

The Dell™ PowerEdge™ 600SC server offers outstanding performance at an affordable price with the right balance of server features and processing power in a highly expandable format.

Low Implementation Cost

The PowerEdge 600SC is an affordable server designed to be easy to set up, run, troubleshoot, and expand. The PowerEdge 600SC is the perfect platform for small businesses with little or no IT support.

Easy Integration

The PowerEdge 600SC was designed to minimise impact to customer IT resources. The PowerEdge 600SC offers state-of-the-art technology in well-packaged solutions. This server provides enough customisation to answer the needs of the most demanding applications while minimising a customer's cost of ownership by using proven technologies. The PowerEdge 600SC is delivered with the Dell Server Assistant CD for easy installation and the Dell OpenManage™ Suite for easy server management and integration to Dell's PowerEdge server line, at no extra charge!

After Sales Support

Dell anticipates that small business customers will use the PowerEdge 600SC as a main resource for their IT needs. As a result, they will expect great after-sales support from Dell. Service is a primary focus for Dell. According to Technology Business Research's 1st quarter report (Q1'02) on corporate customer satisfaction, Dell holds the leadership position for servers. Dell has led the server customer satisfaction results for 17 of the last 18 quarters.

Performance

Delivering the latest technology at a low cost, the PowerEdge 600SC server provides exceptional value for small businesses building a LAN infrastructure or replacing a peer-to-peer network. It is also ideal for use in larger organisations as a workgroup application server or in remote office installations.

With the option of either the Intel® Pentium® 4 1.8GHz or 2.4GHz processor or the price-conscious Intel Celeron® 1.7GHz processor, you select the power that fits within your budget. Both processors offer a 400MHz front side bus. The ServerWorks® Grand Champion™ SL chipset balances CPU, memory and I/O subsystem functionality for optimum performance and throughput. Additionally, the PowerEdge 600SC server provides a high speed Gigabit™ NIC on the motherboard along with high bandwidth 64-bit/33MHz PCI slots for further performance benefits.

Scalability

The PowerEdge 600SC server is an expandable solution that will scale to fit your growing needs. Its internal hard drive cage supports up to four one-inch cabled IDE or SCSI drives with as much as 480GB¹ of space. Plus, it supports up to 4GB of ECC DDR SDRAM to handle memory-intensive applications, both now and into the future. The PowerEdge 600SC is equipped with up to four 64-bit/33MHz and one 32-bit/33MHz PCI slots for scalable throughput giving you twice the capacity of typical desktop PCI.

Data Protection

Built for reliability, the PowerEdge 600SC server includes many high availability features such as ECC memory allowing the system to tolerate multi-bit memory chip errors on a DIMM. As a result, the system can continue operating without interruption in the event of a memory chip failure. Additionally, the server offers optional RAID 0,1,5 IDE or SCSI controller cards to take full advantage of high performing, reliable RAID configurations. The PowerEdge 600SC server also provides high capacity Tape Backup Solutions for increased data availability. The PowerEdge 600SC can support either IDE (PowerVault™ 100T IDE) or SCSI (PowerVault 100T DDS-4 and PowerVault 110T DLTVS80) internal tape back-up units.

Built to Customer Order, Dell Makes it Easy

Each PowerEdge 600SC is custom-built to best respond to the needs of our customers. Dell's operation excellence will allow for delivery in a timely manner. In addition, you can purchase a selection of server operating systems from us and have our expert engineers install them for you. Then, to assist you with setup and installation after the server is delivered, we offer a suite of installation services and software support.

Manageability

The PowerEdge 600SC server is easy to set up, run, troubleshoot and expand, making it ideal for organisations that must make the most of limited IT resources. The Dell Server Assistant CD makes operating system installation quick and easy. It offers a one-stop approach to setting up a PowerEdge server which includes providing the latest Dell drivers, RAID and NIC configurations as well as Dell diagnostics and electronic documentation. In addition, Dell OpenManage IT Assistant, an intuitive browser-based application, simplifies client management, and the embedded systems management LM-81 hardware detects systems events, such as fan failures and voltage problems, then generates alerts to help keep you in control of your operations.

Offering outstanding value in an expandable server, the PowerEdge 600SC server does not compromise on quality and gives you reliable, easy-to-manage performance.



PowerEdge 600SC

Exceptional performance. Easy as **DELL**™

Visit www.euro.dell.com for more information.

Dell PowerEdge 600SC Server

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Telephone technical support from Dell's Gold Queue
Software and storage support resolutions
Seamless support with key third party vendors
Customer-defined call priority
Change notification services
On-line and e-mail hardware support at support.euro.dell.com

Optional Upgrades

Remote monitoring
On-site troubleshooting
On-site engineer and parts
Customer training
2-hour response 6-hour repair on-site service¹

FEATURES DESCRIPTION

Processors	Single Intel® Pentium® 4 processor, (1.8GHz or 2.4GHz) or single Intel Celeron®, (1.7GHz)
Front side bus	400MHz
Cache	Pentium 4 processor: 512KB Level 2 cache Celeron: 128KB Level 2 cache
Chipset	ServerWorks® Grand Champion™ SL
Memory	128MB ECC DDR memory expandable to 4GB ECC DDR-200 registered SDRAM
PCI slots	Five total: 4 x 64bit/33MHz; 1 x 32bit/33MHz
Drive controllers	Three embedded IDE channels for up to six IDE devices, optional 39160 Ultra3 SCSI Controller
RAID controllers	Optional CERC IDE RAID (RAID level 0, 1, 5); optional PERC3/SC RAID (RAID level 0, 1, 5)
Drive bays	Four 1-inch non-hot plug internal HDDs bay; two 5.25" front accessible bays that will accommodate one CD and/or one DVD-ROM and one TBU
Hard drives	IDE 7,200 rpm: 20GB ¹ , 40GB, 80GB, 120GB SCSI, 10,000 rpm: 18GB, 36GB, 73GB
Maximum internal storage	Up to 480GB maximum internal storage (IDE)
Tape backup options	PowerVault 100T, IDE, TR-5, 10/20* GB; PowerVault 100T, IDE, Travan40, 20/40* GB; PowerVault 100T, SCSI, DDS4, 20/40GB; PowerVault 110T, SCSI, DLT VS80; 40/80GB
Power	Single 250W power supply; auto-switching 110/220 volts
Cooling	Active cooling technology with three fans for optimal cooling and low operational noise
Chassis	Tower
Dimensions (H x W x D)	17" x 8" x 19.5" (43.1cm x 20.3cm x 49.5cm)
Weight	37 lb (16.8 kg)
Graphics	Integrated ATI®-Rage XL controller with 8MB of SDRAM (not upgradable)
Optional software	Microsoft® Windows® 2000 Server; Microsoft Windows 2000 Small Business Suite; Red Hat® Linux® 7.3; Novell® NetWare® 6.0 (not factory-installable); Dell Tape Backup Software by Veritas Backup Exec® (SCSI), Computer Associates ARCserve® (SCSI), and YosemiteTapeWare® (IDE)
Temperature	
Operating	50° to 95° F (10° to 35° C)
Non-operating	-40° to 149° F (-40° to 65° C)
Relative humidity	
Operating	20% to 80% (noncondensing)
Non-operating	5% to 95% (noncondensing)
	Maximum humidity gradient: 10% per hour, operational and non-operational conditions
Altitude	
Operating	-16 to 3,048 m (-50 to 10,000 ft)
Non-operating	-16 to 10,600 m (-50 to 35,000 ft)

¹Compression achieved through Yosemite TapeWare Tape Backup Software only

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EU16/17/January2003

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