Dell PowerEdge 650 Server

Bringing new levels of performance, flexibility, expandability and manageability to low-cost, single processor systems, the Dell™ PowerEdge™ 650 server is ideal for small to medium organisations that require outstanding value and have a limited amount of space.

Performance and Flexibility

Supporting the latest 3.06GHz processor, the first Intel® Pentium® 4 CPU to offer Hyper-Threading Technology, the Dell PowerEdge 650 server brings new levels of performance and flexibility for a one-processor system. And with the lower-cost Intel Celeron® processor option, this general-purpose, rack-dense server is flexible enough to fit your exact deployment needs. It is suitable for a wide variety of uses, including edge-of-network, network infrastructure and single-function applications such as video streaming.

In addition, it offers dependable data availability with hardware RAID options, including the CERC ATA-100 RAID controller, which not only helps increase system uptime, but also helps improve drive performance. Similarly, Error Correction Code memory corrects single-bit errors to help provide higher levels of system uptime.

Expandability

The PowerEdge 650 server is designed to grow as your application demands increase. It supports up to 3GB of DDR SDRAM and three DIMM slots for expandable memory capacity. Additionally, the server includes up to two non-hot plug IDE or SCSI hard drives with a RAID option-enabling you to specify the drive and data protection capacity that matches your requirements. The two PCI slots, one available and one occupied with an integrated NIC, provide further expandability and are located on separate buses to enable optimal performance for the server.

Manageability and Serviceability

With the remote management option and easy-to-use management tools such as Dell OpenManage™ IT Assistant, OpenManage Server Administrator and Dell Server Assistant, the PowerEdge 650 server provides simplified manageability. And it is easy to service. Features such as the tool-less chassis, front-access keyboard, video, mouse ports and system identification buttons on the front as well as the back mean quick and hassle-free access to your system.

The feature set of the PowerEdge 650 server, including a single Intel Pentium 4 or Celeron processor, small footprint and extremely aggressive price, makes the PowerEdge 650 the ideal solution for small to medium organisations, cost-sensitive data centre customers and service providers where price and rack density are paramount.

Dell PowerEdge 650

Exceptional performance. Easy as

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

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On-site service with next business day response[1]

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Optional Upgrades
Remote monitoring

On-site troubleshooting

On-site engineer and parts

Customer training

2-hour response 6-hour repair on-site service[1]

FEATURES	DESCRIPTION
Processor	Single Intel® Pentium® 4 up to 3.06GHz or single Intel Celeron® up to 1.8GHz
Front side bus	Intel Pentium 4: 533MHz; Intel Celeron: 400MHz
L2 Cache	512KB ECC cache (full speed) for Pentium 4; 128KB ECC cache (full speed) for Celeron
Memory (min/max)	128MB/3GB DDR SDRAM
I/O slots	1 x 64-bit/33MHz PCI slot (available) and 1 x 64-bit/133MHz PCI-X slot (occupied); both full-height, half-length
NIC	Intrgrated Intel PRO/100+ Dual Port or Intel PRO/1000 XT Gigabit[2] NIC
Embedded controller	ATA-100
Hard drive bays	Two: 2 x 1" IDE OR SCSI
Maximum internal storage	240GB IDE (7,200 rpm), 292GB SCSI (10,000 rpm), or 146GB (15,000 rpm)
Video	On-board
RAID	Optional CERC ATA-100 (IDE)
Remote management	Optional DRAC III/XT
Availability	ECC memory Optional IDE RAID (CERC ATA-100)

Exceptional performance. Easy as **DELL**™

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