

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 **DELL™**

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

PREMIER ENTERPRISE CONSULTING SERVICES

Dell Technology Consulting – solutions design and production readiness
Testing and tuning at Dell's Application Solution Centre

PREMIER ENTERPRISE DEPLOYMENT SERVICES

Dell Financial Services
Customised e-procurement web pages
Custom Factory Integration
On-site installation

PREMIER ENTERPRISE SUPPORT SERVICES

Base Service

1-year service during local business hours for customers who have in-house support, troubleshooting and repair

Telephone technical hardware support
On-site service with next business day response¹
24x7 online and e-mail hardware support at support.euro.dell.com

Dell Premier Enterprise Bronze Support

3 years' service during local business hours for non-critical systems

On-site service with next business day response¹
Telephone technical hardware support
24x7 online and e-mail hardware support at support.euro.dell.com

Optional network operating system support

Dell Premier Enterprise Silver Support

3 years' service for systems running time-sensitive applications

24x7 service with 4-hour response¹
Telephone technical hardware support
24x7 online and e-mail hardware support at support.euro.dell.com

Optional network operating system support

Dell Premier Enterprise Gold Support

A comprehensive 3-year, 24x7 proactive support service with direct access to Dell's Enterprise Expert Centre

Technical account management services
On-site service with 4-hour response¹
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
Online 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

| | |
|---------------------------------|--|
| 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 | Integrated 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) |

Subject to availability, prices and specifications are correct at the date of publication and may change without notice. Dell's Terms and Conditions of Sale and Service apply and are available on request and at www.euro.dell.com 1. Response times may vary according to the remoteness or accessibility of product location. Service may be provided via telephone or internet where appropriate. Certain restrictions apply. 2. This term indicates compliance with IEEE standard 802.3ab for Gigabit Ethernet, and does not denote actual operating speed of 1 GB/s. For high-speed transmission, connection to a Gigabit Ethernet server and network infrastructure is required. © 2003 Dell Computer Corporation. Dell, the Dell logo, PowerEdge and OpenManage are registered trademarks or trademarks of Dell Computer Corporation. Intel, Pentium and Celeron are registered trademarks of Intel Corporation. Dell disclaims proprietary interest in the trademarks and names of others.

EU838/17June2003

Exceptional performance. Easy as



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