

# DELL™ POWEREDGE™ R300



The PowerEdge R300 is a single-socket, rack-dense server which provides exceptional reliability, availability and performance. The PowerEdge R300 is designed to provide maximum energy efficiency.

## **EXCEPTIONAL PERFORMANCE**

The PowerEdge™ R300 introduces a new, advanced 1-socket chipset and processors specifically designed for excellent performance and high availability. With Intel quad-core processing and up to 24 GB of memory — three times the capacity of competitive 1-socket x86 servers — the R300 provides stable performance for memory-intensive applications.

## **TRUSTED RELIABILITY**

With high-availability features like hot-plug hard drives and redundant power supplies, the PowerEdge R300 helps prevent the loss of data and productivity. And with authentication through an array of diagnostic tests prior to shipping, it's designed to increase uptime and boost productivity from the moment you switch it on.

## **LEADING ENERGY EFFICIENCY**

Energy efficiency is a fundamental design criterion for all PowerEdge servers. With the introduction of the PowerEdge R300, Dell is bringing this feature to the entry-level rack server market. The low-voltage processor offered on PowerEdge R300 is designed to provide additional gains in both power efficiency and performance per watt.

## **SECURITY COMES STANDARD**

Recognising the importance of information security, the PowerEdge R300 is designed to help ensure the confidentiality, integrity and availability of data. In fact, this new generation of PowerEdge servers is the most secure Dell has ever produced. Standard features include a locked-down internal USB port, chassis intrusion switch, locking bezels and a built-in Trusted Platform Module (TPM) which enables system authentication, assists with encryption and helps prevent tampering.

## SYSTEMS SUPPORT

Companies with limited or no dedicated IT staff have access to key support services customised for the small business. Dell ProSupport for Non-IT includes direct access to certified technicians 24/7, as well as popular small business software application assistance and configuration help.

## THE DELL DIFFERENCE

Dell PowerEdge servers are part of our commitment to the simplification of IT. The R300 can help reduce cost and complexity in your IT environment, freeing you to devote more resources to making innovation a daily practice. Spend less time on maintenance and more on growing your business.

DELL™ POWEREDGE™ R300 SPECIFICATIONS	
Socket	Single
Processor Support	Intel® Celeron, Core™ 2 Duo, Xeon® 3000 series, Xeon 5000 series, Xeon Low Voltage L5410
Chipset	Intel 5100 Chipset
FSB	1333 MHz FSB
DIMM Slots	Six
DIMM Speed	667 MHz
DIMM Capacity	512 MB min. / 24 GB max. Registered DDR-II w/ECC
HD Bays	2 x 3.5"
Type of HDs	SAS / SATA
External Drive Bays	Optional slimline optical storage device
Availability	ECC memory, add-in RAID, tool-less chassis, hot-plug hard drives, redundant PSU, TPM
Server Management	DRAC 5 Full OpenManage™
Integrated HD Controller	SATA
Optional RAID/Storage Controller	PERC 6/E SAS 6/iR SAS 5/E
I/O Slots	Two PCIe x8
NIC/LOM	Two GB LOM
USB	Two front / two rear / one internal
Chassis	1U rack

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