

DELL PowerEdge R710

THE BEST PERFORMANCE FOR VIRTUALIZATION

The Brand New Dell™ PowerEdge™ R710 is THE Smart, Green Choice for Virtualization

- The 2U Dell PowerEdge R710 is the ideal platform for customers who are virtualizing their datacenter, providing the best balance of price/performance and performance/watt
- Even with the highest-cost, highest-power Nehalem processor - the W5580 (which is intended for **workstations**, and not for energy optimization), the PowerEdge R710 offers better VMmark performance
- The PowerEdge R710 topped the performance results of the ProLiant DL370 G6, at 27% less energy, and in less than half the space!
- The R710 beats all currently-published 4-socket VMmark results, proving Dell's new 11th generation PowerEdge servers are the choice for the future

TOP 2-SOCKET PERFORMANCE VMMARK RESULTS

Vendor	Platform	VMmark Score	Processors/TDP	Cores	Published
Dell	PowerEdge R710	24.00 @ 17 tiles	Intel Xeon X5570 2.93GHz 95 watts	8	Mar-09
HP	ProLiant DL370 G6	23.96 @ 16 tiles	Intel® Xeon® W5580 3.20GHz 130 watts	8	Mar-09

TOP 4-SOCKET PERFORMANCE VMMARK RESULTS

Vendor	Platform	VMmark Score	Processors/TDP	Cores	Published
IBM	System x3850 M2	20.50 @ 14 tiles	Intel Xeon X7460 2.93GHz 130 watts	24	Mar-09
HP	ProLiant DL585 G5	20.43 @ 14 tiles	AMD Opteron 8386 SE 2.8GHz 119 watts	16	Jan-09
Dell	PowerEdge R905	20.35 @ 14 tiles	AMD Opteron 8384 2.7GHz 95 watts	16	Nov-08



BENCHMARK DESCRIPTION

VMmark, developed by VMware, compares the server consolidation scenario of virtualized environments. Each VMmark "tile" is a set of 6 workloads that run simultaneously in separate virtual machines. The performance of all the workloads form the score for the individual tile, and multiple tiles can be run simultaneously to increase the overall score.

VMware® VMmark™ is a product of VMware, an EMC Company. VMmark uses SPECjbb2005 and SPECweb@2005, which are available from SPEC.



¹ Based on comparison with accepted VMmark benchmark scores as of March 31, 2009
See <http://www.vmware.com/products/vmmark/results.html> for current results