SPEC® CINT2006 Result
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Dell Inc.

PowerEdge 2950 (Intel Xeon processor 5120, 1.86GHz)

$SPECint®_rate2006 = $ Not Run
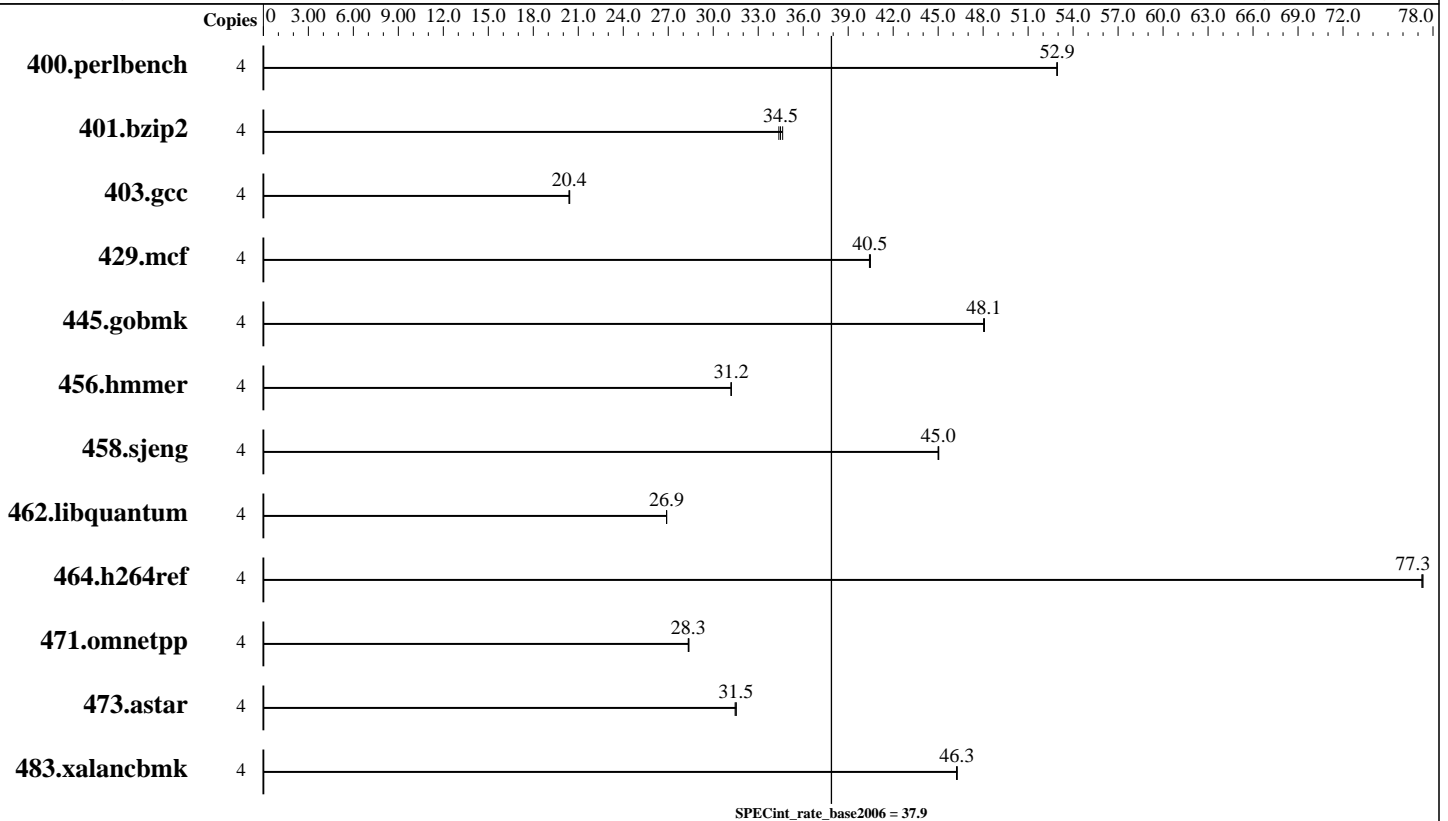
$SPECint_rate_base2006 = $ 37.9

CPU2006 license: 55
Test sponsor: Dell Inc.
Tested by: Dell Inc.

Test date: Mar-2007
Hardware Availability: Jul-2006
Software Availability: Nov-2006

Benchmark	Copies	Result
400.perlbench	4	52.9
401.bzip2	4	34.5
403.gcc	4	20.4
429.mcf	4	40.5
445.gobmk	4	48.1
456.hmmer	4	31.2
458.sjeng	4	45.0
462.libquantum	4	26.9
464.h264ref	4	77.3
471.omnetpp	4	28.3
473.astar	4	31.5
483.xalancbmk	4	46.3

SPECint_rate_base2006 = 37.9

Hardware

CPU Name:	Intel Xeon 5120
CPU Characteristics:	1066 MHz Bus Speed
CPU MHz:	1866
FPU:	Integrated
CPU(s) enabled:	4 cores, 2 chips, 2 cores/chip
CPU(s) orderable:	1,2 chips
Primary Cache:	32 KB I + 32 KB D on chip per core
Secondary Cache:	4 MB I+D on chip per chip
L3 Cache:	None
Other Cache:	None
Memory:	16 GB (8 x 2 GB 667MHz CL5 DDR2 FB-DIMM SDRAM)
Disk Subsystem:	1 x 73 GB SAS 15k RPM
Other Hardware:	None

Software

Operating System:	Microsoft Windows Server 2003 Enterprise x64 Edition + SP1 (64-bit)
Compiler:	Intel C++ Compiler 9.1 for IA32 (20061103Z) Microsoft Visual Studio 2005
Auto Parallel:	No
File System:	NTFS
System State:	Default
Base Pointers:	32-bit
Peak Pointers:	Not Applicable
Other Software:	MicroQuill SmartHeap Library 8.0

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Results Table

Benchmark	Copies	Base Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Copies	Peak Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
400.perlbench	4	739	52.9	**738**	**52.9**	738	52.9							
401.bzip2	4	1115	34.6	1123	34.4	**1119**	**34.5**							
403.gcc	4	1579	20.4	1576	20.4	**1579**	**20.4**							
429.mcf	4	901	40.5	**902**	**40.5**	903	40.4							
445.gobmk	4	873	48.1	**873**	**48.1**	874	48.0							
456.hmmer	4	1196	31.2	1196	31.2	**1196**	**31.2**							
458.sjeng	4	1076	45.0	1075	45.0	**1075**	**45.0**							
462.libquantum	4	3082	26.9	3082	26.9	**3082**	**26.9**							
464.h264ref	4	1146	77.3	1145	77.3	**1145**	**77.3**							
471.omnetpp	4	882	28.3	881	28.4	**882**	**28.3**							
473.astar	4	890	31.5	893	31.5	**891**	**31.5**							
483.xalancbmk	4	597	46.2	597	46.3	**597**	**46.3**							

Results appear in the order in which they were run. Bold underlined text indicates a median measurement.

Platform Notes

Snoop Filter enabled in BIOS

General Notes

32-bit binaries were built on Windows XP Professional x64 Edition

Base Compiler Invocation

C benchmarks:
    icl -Qc99

C++ benchmarks:
    icl

Base Portability Flags

        403.gcc: -DSPEC_CPU_WIN32
      464.h264ref: -DSPEC_CPU_NO_INTTYPES -DWIN32
    483.xalancbmk: -Qoption,cpp,--no_wchar_t_keyword

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Base Optimization Flags

C benchmarks:

```
-fast /F512000000 shlW32M.lib        -link /FORCE:MULTIPLE
```

C++ benchmarks:

```
-fast -Qcxx_features /F512000000 shlW32M.lib
           -link /FORCE:MULTIPLE
```

Base Other Flags

C benchmarks:

```
403.gcc: -Dalloca=_alloca
```

The flags file that was used to format this result can be browsed at
http://www.spec.org/cpu2006/flags/dell.cpu2006.ic91.flags.html

You can also download the XML flags source by saving the following link:
http://www.spec.org/cpu2006/flags/dell.cpu2006.ic91.flags.xml

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For other inquiries, please contact webmaster@spec.org.

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