SPEC® CINT2006 Result
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Dell Inc.

PowerEdge 1950 (Intel Xeon processor 5160, 3.00GHz)

SPECint®_rate2006 =   Not Run

SPECint_rate_base2006 = 53.7

CPU2006 license: 55	**Test date:** Mar-2007
Test sponsor: Dell Inc.	**Hardware Availability:** Jul-2006
Tested by: Dell Inc.	**Software Availability:** Nov-2006

Copies scale: 0 5.00 10.0 15.0 20.0 25.0 30.0 35.0 40.0 45.0 50.0 55.0 60.0 65.0 70.0 75.0 80.0 85.0 90.0 95.0 100 105 110 115 125

Benchmark	Copies	Result
400.perlbench	4	83.0
401.bzip2	4	51.5
403.gcc	4	26.2
429.mcf	4	49.0
445.gobmk	4	75.3
456.hmmer	4	50.0
458.sjeng	4	70.0
462.libquantum	4	31.3
464.h264ref	4	123
471.omnetpp	4	35.0
473.astar	4	45.0
483.xalancbmk	4	65.1

SPECint_rate_base2006 = 53.7

Hardware

CPU Name:	Intel Xeon 5160
CPU Characteristics:	1333 MHz Bus Speed
CPU MHz:	3000
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 73GB 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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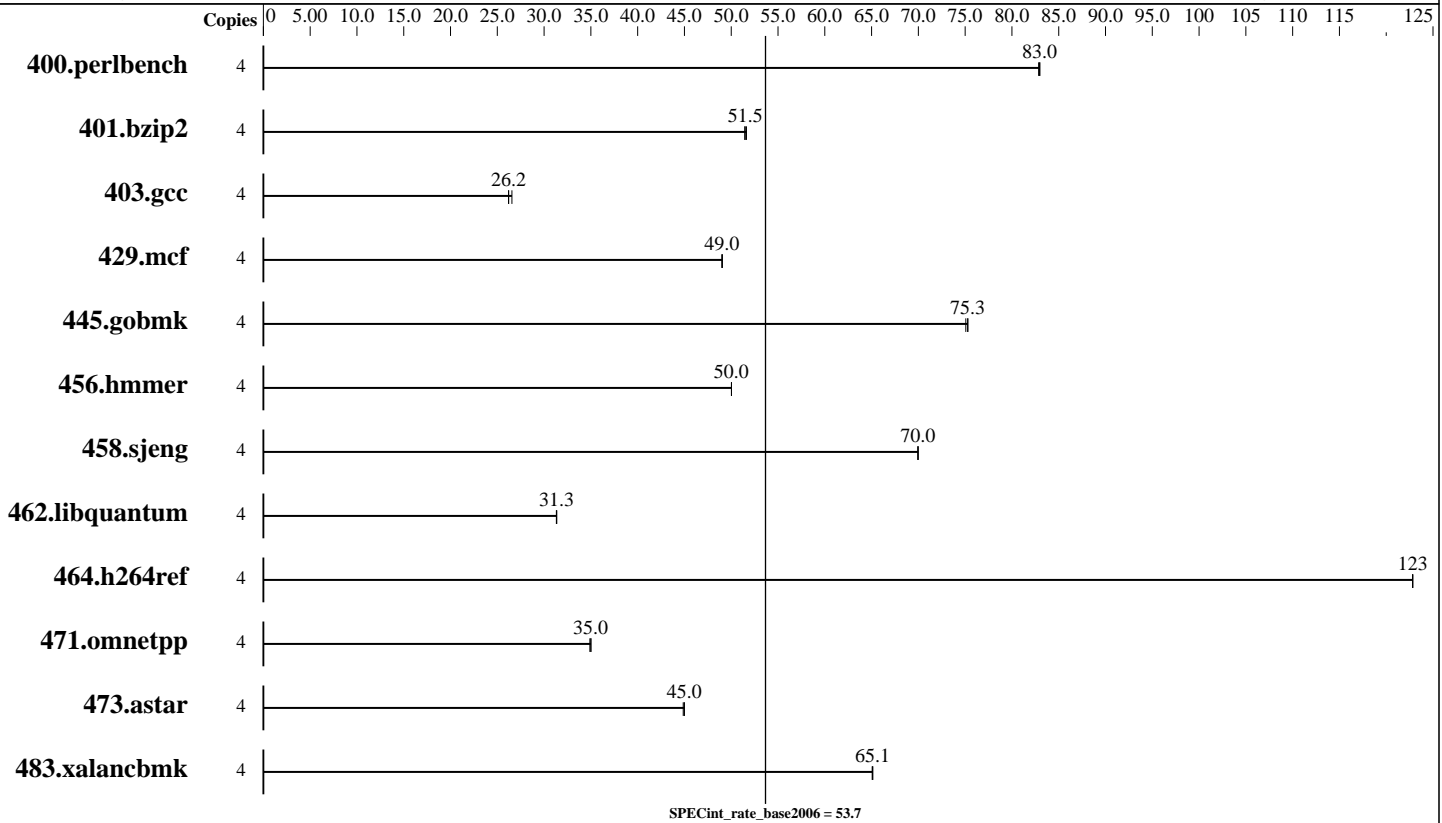
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Results Table

Benchmark	Copies	Base Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Copies	Peak Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
400.perlbench	4	**471**	**83.0**	471	83.0	472	82.9							
401.bzip2	4	748	51.6	750	51.4	**750**	**51.5**							
403.gcc	4	1212	26.6	1229	26.2	**1228**	**26.2**							
429.mcf	4	**744**	**49.0**	744	49.0	744	49.0							
445.gobmk	4	559	75.1	**557**	**75.3**	557	75.3							
456.hmmer	4	746	50.0	746	50.0	**746**	**50.0**							
458.sjeng	4	692	70.0	692	70.0	**692**	**70.0**							
462.libquantum	4	2647	31.3	**2645**	**31.3**	2644	31.3							
464.h264ref	4	**721**	**123**	721	123	721	123							
471.omnetpp	4	716	34.9	714	35.0	**714**	**35.0**							
473.astar	4	624	45.0	626	44.9	**624**	**45.0**							
483.xalancbmk	4	**424**	**65.1**	424	65.1	424	65.1							

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

Platform Notes

    Snoop Filter enabled in BIOS

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

Base Optimization Flags

C benchmarks:
    -fast /F512000000 shlW32M.lib   -link /FORCE:MULTIPLE

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Base Optimization Flags (Continued)

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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