SPEC® CINT2006 Result

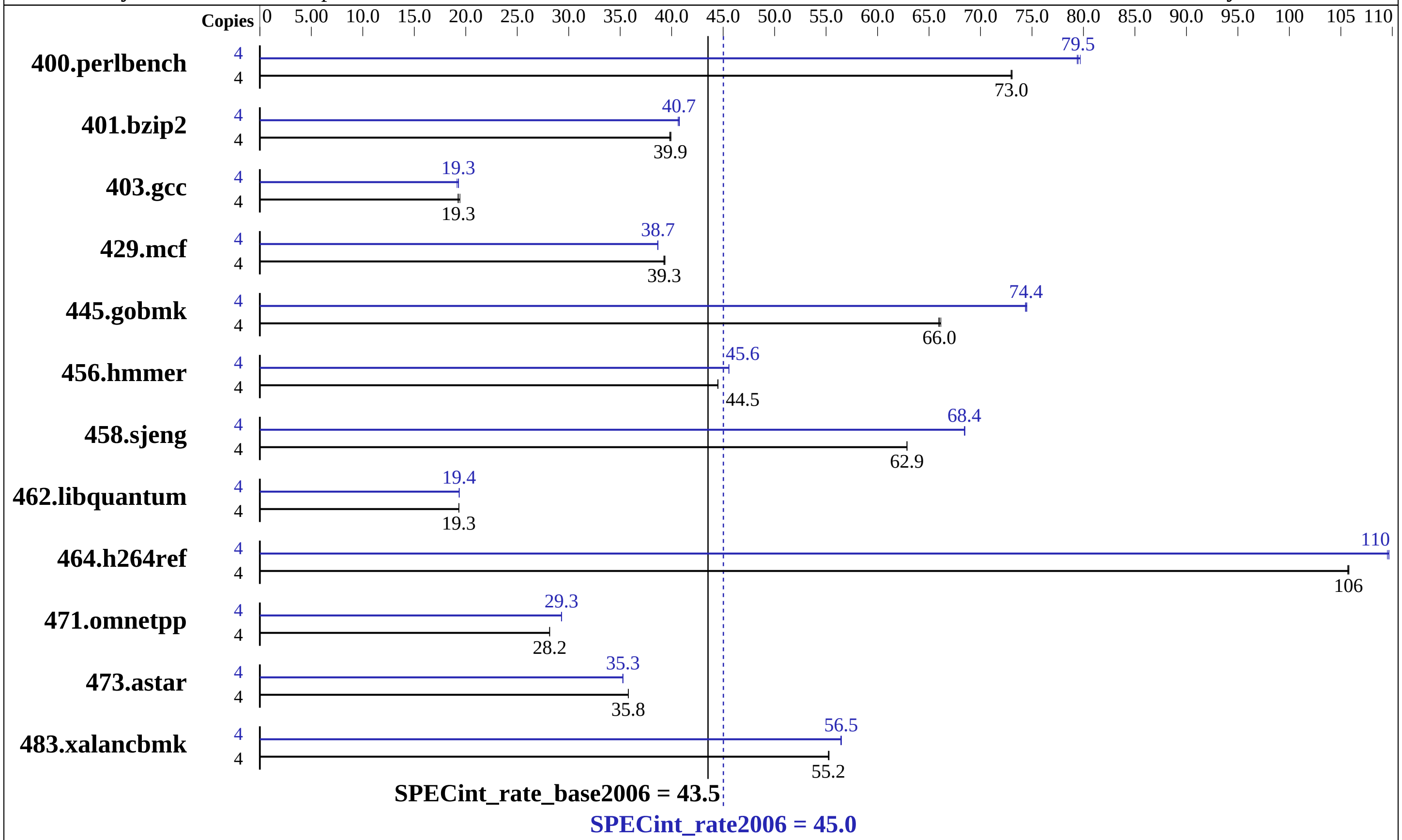
Acer Incorporated

Acer Altos R520 (Intel Xeon X5355, 2.66GHz)

SPECint®_rate2006 = 45.0

SPECint_rate_base2006 = 43.5

CPU2006 license:	97	**Test date:**	Jan-2007
Test sponsor:	Acer Incorporated	**Hardware Availability:**	Nov-2006
Tested by:	Acer Incorporated	**Software Availability:**	Nov-2006



Hardware

CPU Name:	Intel Xeon X5355
CPU Characteristics:	1333MHz system bus
CPU MHz:	2666
FPU:	Integrated
CPU(s) enabled:	4 cores, 1 chip, 4 cores/chip
CPU(s) orderable:	1,2 chips
Primary Cache:	32 KB I + 32 KB D on chip per core
Secondary Cache:	8 MB I+D on chip per chip, 4 MB shared / 2 cores
L3 Cache:	None
Other Cache:	None
Memory:	16 GB (8 x 2048MB ECC FB-DIMM DDR2-667 CL5-5-5)
Disk Subsystem:	1 x 73GB 10000RPM SAS HDD
Other Hardware:	None

Software

Operating System:	Microsoft Windows Server 2003 Enterprise Edition (Build 3790), Service Pack 1
Compiler:	Intel C++ Compiler for IA32 version 9.1 Package ID W_CC_C_9.1.028 Build 20060706Z Microsoft Visual Studio 2003 .Net (libr. & linker)
Auto Parallel:	No
File System:	NTFS
System State:	Default
Base Pointers:	32-bit
Peak Pointers:	32-bit
Other Software:	MicroQuill Smart Heap Library, Version 7.4

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Results Table

Benchmark	Base Copies	Base Seconds	Base Ratio	Base Seconds	Base Ratio	Base Seconds	Base Ratio	Peak Copies	Peak Seconds	Peak Ratio	Peak Seconds	Peak Ratio	Peak Seconds	Peak Ratio
400.perlbench	4	**535**	**73.0**	536	73.0	535	73.1	4	492	79.4	490	79.7	**492**	**79.5**
401.bzip2	4	970	39.8	**968**	**39.9**	967	39.9	4	950	40.6	**948**	**40.7**	947	40.8
403.gcc	4	**1670**	**19.3**	1657	19.4	1673	19.2	4	1668	19.3	1681	19.2	**1670**	**19.3**
429.mcf	4	**929**	**39.3**	930	39.2	927	39.4	4	944	38.6	943	38.7	**943**	**38.7**
445.gobmk	4	636	65.9	634	66.1	**636**	**66.0**	4	**564**	**74.4**	563	74.5	564	74.4
456.hmmer	4	**839**	**44.5**	839	44.5	839	44.5	4	**819**	**45.6**	819	45.6	819	45.6
458.sjeng	4	770	62.9	770	62.8	**770**	**62.9**	4	707	68.4	707	68.5	**707**	**68.4**
462.libquantum	4	4288	19.3	**4288**	**19.3**	4289	19.3	4	4276	19.4	**4281**	**19.4**	4282	19.4
464.h264ref	4	**837**	**106**	837	106	838	106	4	808	110	807	110	**807**	**110**
471.omnetpp	4	888	28.2	**888**	**28.2**	888	28.1	4	853	29.3	**853**	**29.3**	854	29.3
473.astar	4	785	35.8	785	35.8	**785**	**35.8**	4	797	35.2	796	35.3	**796**	**35.3**
483.xalancbmk	4	500	55.2	499	55.3	**500**	**55.2**	4	489	56.4	489	56.5	**489**	**56.5**

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

General Notes

```
This result was measured on the Acer Altos R520.
The Altos R720 and Altos R520 are electronically equivalent.
```

Base Compiler Invocation

C benchmarks:
`icl -Qvc7.1 -Qc99`

C++ benchmarks:
`icl -Qvc7.1`

Base Portability Flags

403.gcc: `-DSPEC_CPU_WIN32`
464.h264ref: `-DSPEC_CPU_NO_INTTYPES -DWIN32`

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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

Peak Compiler Invocation

C benchmarks:
icl -Qvc7.1 -Qc99

C++ benchmarks:
icl -Qvc7.1

Peak Portability Flags

403.gcc: -DSPEC_CPU_WIN32
464.h264ref: -DSPEC_CPU_NO_INTTYPES -DWIN32

Peak Optimization Flags

C benchmarks:
-Qprof_gen(pass 1) -Qprof_use(pass 2) -fast /F512000000 shlw32m.lib
-link /FORCE:MULTIPLE

C++ benchmarks:
-Qprof_gen(pass 1) -Qprof_use(pass 2) -fast -Qcxx_features
/F512000000 shlw32m.lib -link /FORCE:MULTIPLE

Peak Other Flags

C benchmarks:

Continued on next page

Peak Other Flags (Continued)

403.gcc: -Dalloca=_alloca

The flags file that was used to format this result can be browsed at
http://www.spec.org/cpu2006/flags/Acer-CPU2006-ic91-flags.20090714.html

You can also download the XML flags source by saving the following link:
http://www.spec.org/cpu2006/flags/Acer-CPU2006-ic91-flags.20090714.xml

For questions about this result, please contact the tester.
For other inquiries, please contact webmaster@spec.org.

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