SPEC® CINT2006 Result

Copyright 2006-2014 Standard Performance Evaluation Corporation

Acer Incorporated

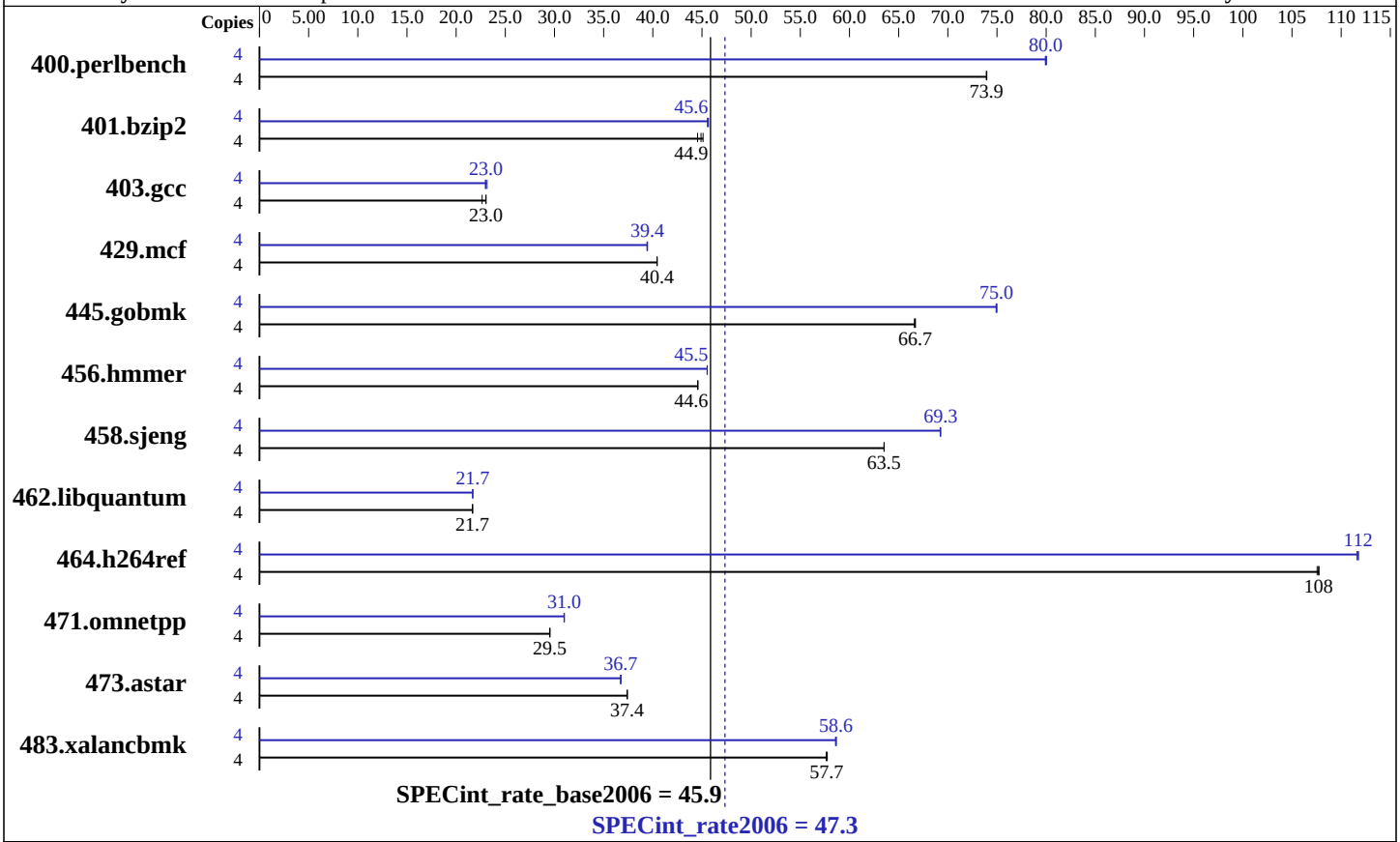
Acer Altos G540 (Intel Xeon X5355, 2.66GHz)

SPECint®_rate2006 = 47.3

SPECint_rate_base2006 = 45.9

CPU2006 license: 97
Test sponsor: Acer Incorporated
Tested by: Acer Incorporated

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

SPEC CINT2006 Result

Copyright 2006-2014 Standard Performance Evaluation Corporation

Acer Incorporated

Acer Altos G540 (Intel Xeon X5355, 2.66GHz)

SPECint_rate2006 = 47.3

SPECint_rate_base2006 = 45.9

CPU2006 license: 97
Test sponsor: Acer Incorporated
Tested by: Acer Incorporated

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

Results Table

Benchmark	Base							Peak						
	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
400.perlbench	4	**528**	**73.9**	529	73.9	528	74.0	4	**489**	**80.0**	489	79.9	488	80.0
401.bzip2	4	**860**	**44.9**	866	44.5	856	45.1	4	845	45.7	**846**	**45.6**	847	45.6
403.gcc	4	1398	23.0	1422	22.6	**1398**	**23.0**	4	1391	23.1	**1399**	**23.0**	1402	23.0
429.mcf	4	902	40.5	**902**	**40.4**	903	40.4	4	**925**	**39.4**	926	39.4	924	39.5
445.gobmk	4	**629**	**66.7**	630	66.6	629	66.7	4	560	75.0	**560**	**75.0**	560	74.9
456.hmmer	4	837	44.6	837	44.6	**837**	**44.6**	4	819	45.5	820	45.5	**820**	**45.5**
458.sjeng	4	**762**	**63.5**	762	63.5	762	63.5	4	699	69.3	699	69.2	**699**	**69.3**
462.libquantum	4	3824	21.7	3829	21.6	**3824**	**21.7**	4	3822	21.7	3822	21.7	**3822**	**21.7**
464.h264ref	4	**822**	**108**	823	108	822	108	4	**792**	**112**	792	112	793	112
471.omnetpp	4	**847**	**29.5**	846	29.5	847	29.5	4	**807**	**31.0**	807	31.0	806	31.0
473.astar	4	750	37.4	751	37.4	**751**	**37.4**	4	765	36.7	764	36.8	**765**	**36.7**
483.xalancbmk	4	**478**	**57.7**	478	57.7	479	57.6	4	470	58.7	**471**	**58.6**	471	58.6

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

General Notes

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`

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`

SPEC and SPECint are registered trademarks of the Standard Performance Evaluation Corporation. All other brand and product names appearing in this result are trademarks or registered trademarks of their respective holders.

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

Tested with SPEC CPU2006 v1.0.
Report generated on Tue Jul 22 10:52:46 2014 by SPEC CPU2006 PS/PDF formatter v6932.
Originally published on 8 March 2007.