SPEC® CINT2006 Result

Copyright 2006-2014 Standard Performance Evaluation Corporation

Acer Incorporated

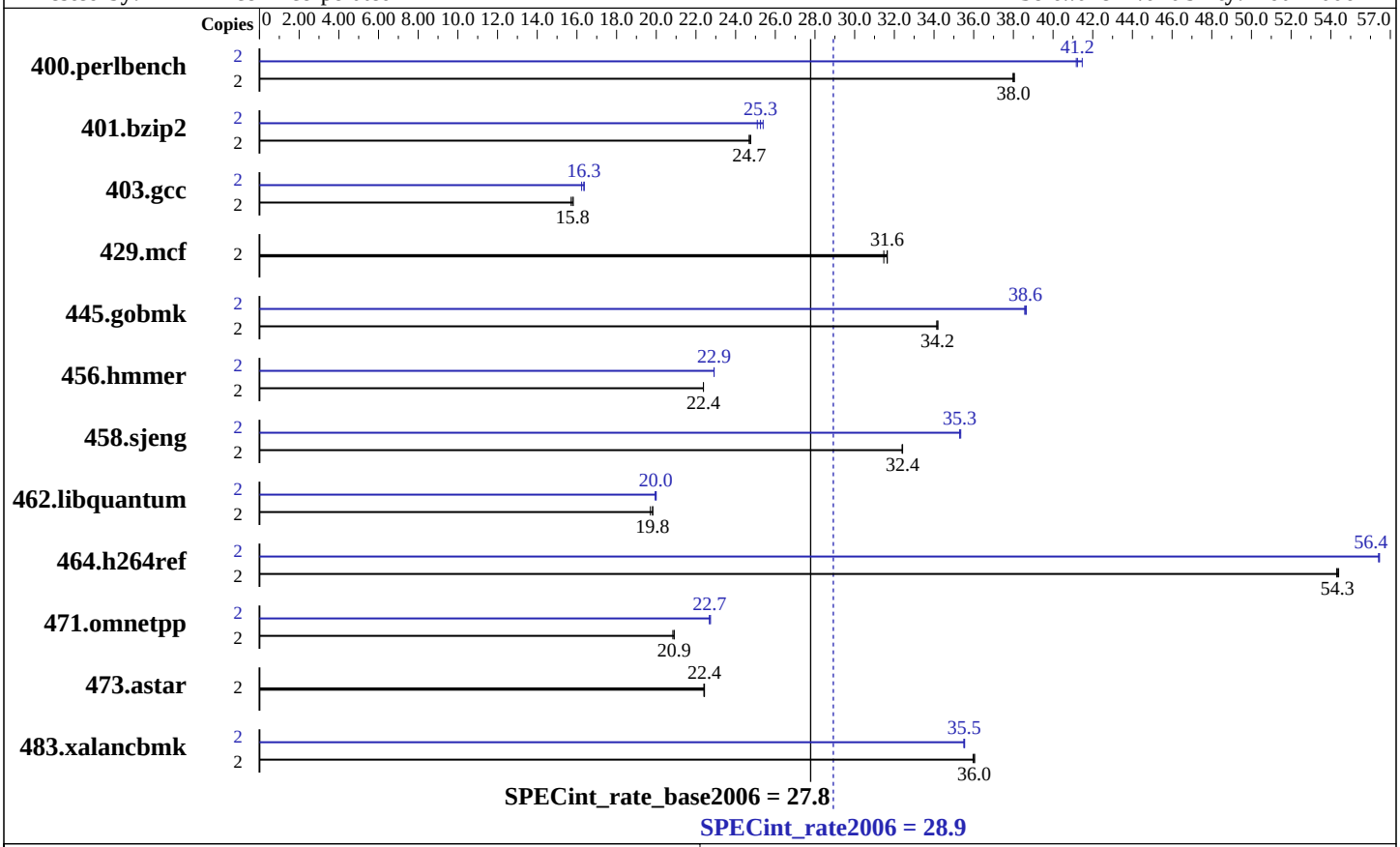
Acer Altos G330 (Intel Xeon 3070, 2.66 GHz)

SPECint®_rate2006 = 28.9

SPECint_rate_base2006 = 27.8

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

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



Hardware

CPU Name:	Intel Xeon 3070
CPU Characteristics:	1066MHz system bus
CPU MHz:	2666
FPU:	Integrated
CPU(s) enabled:	2 cores, 1 chip, 2 cores/chip
CPU(s) orderable:	1 chip
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:	4 GB (4 x 1024MB ECC DDR2-667 CL5-5-5)
Disk Subsystem:	1 x 80GB 10000RPM SATA 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 G330 (Intel Xeon 3070, 2.66 GHz)

SPECint_rate2006 = 28.9

SPECint_rate_base2006 = 27.8

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

Test date: Apr-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	2	515	38.0	**514**	**38.0**	513	38.1	2	471	41.5	**474**	**41.2**	475	41.2
401.bzip2	2	**781**	**24.7**	782	24.7	779	24.8	2	760	25.4	**764**	**25.3**	769	25.1
403.gcc	2	1025	15.7	**1020**	**15.8**	1018	15.8	2	992	16.2	**985**	**16.3**	983	16.4
429.mcf	2	580	31.5	576	31.6	**576**	**31.6**	2	580	31.5	576	31.6	**576**	**31.6**
445.gobmk	2	615	34.1	614	34.2	**614**	**34.2**	2	544	38.6	543	38.7	**543**	**38.6**
456.hmmer	2	834	22.4	834	22.4	**834**	**22.4**	2	**814**	**22.9**	814	22.9	814	22.9
458.sjeng	2	747	32.4	747	32.4	**747**	**32.4**	2	685	35.3	686	35.3	**685**	**35.3**
462.libquantum	2	2103	19.7	2090	19.8	**2092**	**19.8**	2	2072	20.0	**2075**	**20.0**	2078	19.9
464.h264ref	2	815	54.3	814	54.4	**815**	**54.3**	2	784	56.5	**784**	**56.4**	785	56.4
471.omnetpp	2	600	20.8	598	20.9	**598**	**20.9**	2	550	22.7	551	22.7	**551**	**22.7**
473.astar	2	627	22.4	**626**	**22.4**	626	22.4	2	627	22.4	**626**	**22.4**	626	22.4
483.xalancbmk	2	384	36.0	**383**	**36.0**	383	36.0	2	388	35.5	**388**	**35.5**	389	35.5

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:

400.perlbench: `-Qprof_gen`(pass 1) `-Qprof_use`(pass 2) `-fast /F512000000 shlw32m.lib -link /FORCE:MULTIPLE`

401.bzip2: Same as 400.perlbench

403.gcc: Same as 400.perlbench

429.mcf: basepeak = yes

445.gobmk: Same as 400.perlbench

Continued on next page

Peak Optimization Flags (Continued)

456.hmmer: Same as 400.perlbench

458.sjeng: Same as 400.perlbench

462.libquantum: Same as 400.perlbench

464.h264ref: Same as 400.perlbench

C++ benchmarks:

471.omnetpp: -Qprof_gen(pass 1) -Qprof_use(pass 2) -fast -Qcxx_features /F512000000 shlw32m.lib -link /FORCE:MULTIPLE

473.astar: basepeak = yes

483.xalancbmk: Same as 471.omnetpp

Peak 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/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 12:11:26 2014 by SPEC CPU2006 PS/PDF formatter v6932.
Originally published on 15 May 2007.