SPEC® CINT2006 Result

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Acer Incorporated

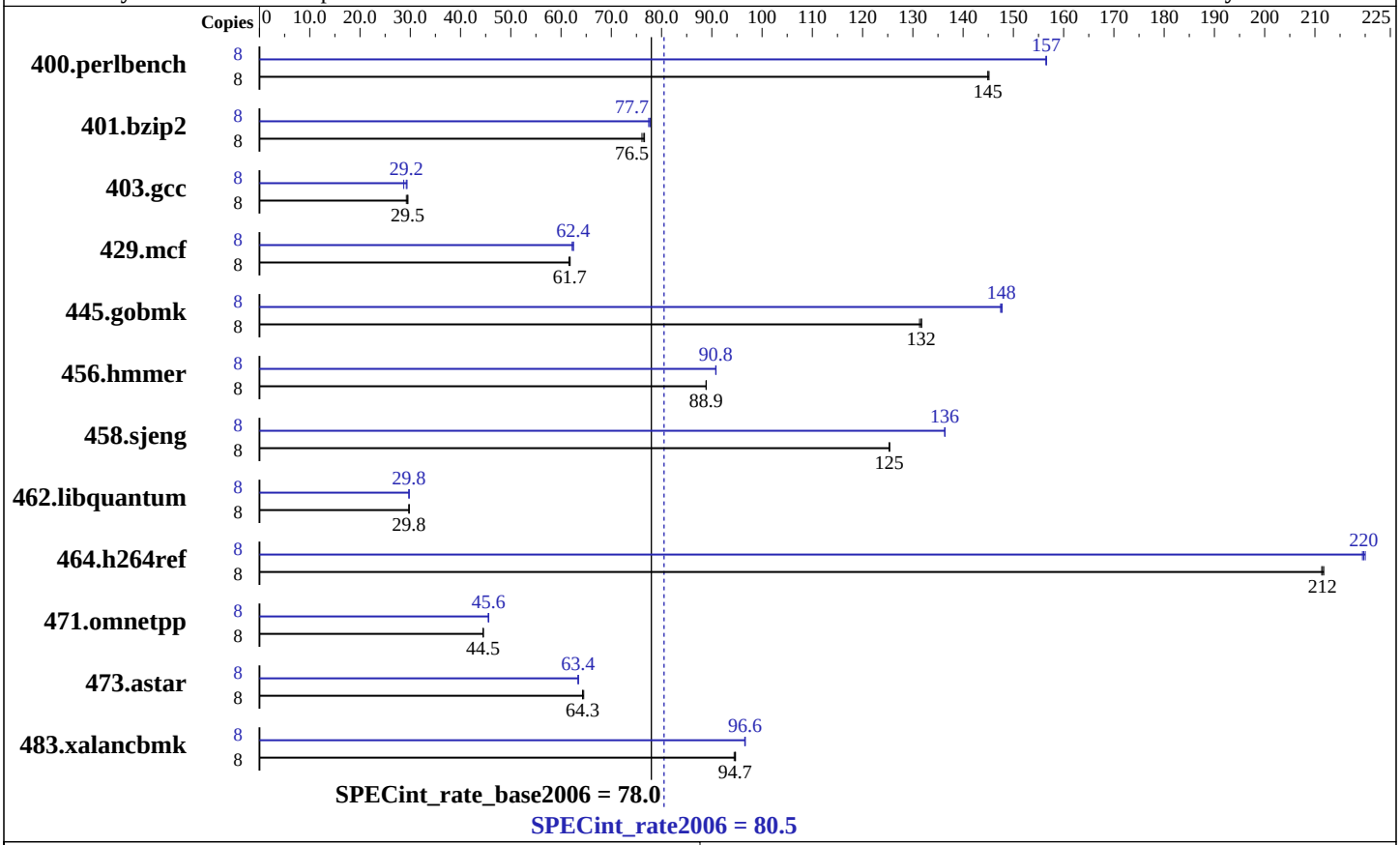
Acer Altos G540 (Intel Xeon X5355, 2.66GHz)

SPECint®_rate2006 = 80.5

SPECint_rate_base2006 = 78.0

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:	8 cores, 2 chips, 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							Peak						
	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
400.perlbench	8	539	145	**539**	**145**	538	145	8	499	156	499	157	**499**	**157**
401.bzip2	8	**1010**	**76.5**	1014	76.1	1008	76.6	8	994	77.7	**994**	**77.7**	997	77.4
403.gcc	8	2182	29.5	2204	29.2	**2183**	**29.5**	8	**2205**	**29.2**	2244	28.7	2193	29.4
429.mcf	8	**1182**	**61.7**	1180	61.8	1185	61.6	8	1168	62.5	1173	62.2	**1169**	**62.4**
445.gobmk	8	637	132	**637**	**132**	639	131	8	**568**	**148**	568	148	569	147
456.hmmer	8	**840**	**88.9**	840	88.9	840	88.9	8	822	90.8	**822**	**90.8**	822	90.8
458.sjeng	8	**772**	**125**	772	125	773	125	8	710	136	**710**	**136**	710	136
462.libquantum	8	5567	29.8	**5571**	**29.8**	5572	29.7	8	5569	29.8	5572	29.7	**5570**	**29.8**
464.h264ref	8	**837**	**212**	836	212	838	211	8	805	220	807	219	**806**	**220**
471.omnetpp	8	**1124**	**44.5**	1124	44.5	1122	44.5	8	1098	45.5	1096	45.6	**1098**	**45.6**
473.astar	8	**873**	**64.3**	874	64.3	871	64.5	8	**886**	**63.4**	886	63.4	885	63.5
483.xalancbmk	8	584	94.4	583	94.7	**583**	**94.7**	8	571	96.7	**571**	**96.6**	572	96.6

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`

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

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