## SPECint®_rate2006 = 28.9

### SPECint_rate_base2006 = 27.8

**Acer Incorporated**

Acer Altos G330 (Intel Xeon 3070, 2.66 GHz)

<table>
<thead>
<tr>
<th>Benchmark</th>
<th>SPECint_rate2006</th>
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<tr>
<td>400.perlbench</td>
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**CPU2006 license:** 97

**Test sponsor:** Acer Incorporated

**Tested by:** Acer Incorporated

**Test date:** Apr-2007

**Hardware Availability:** Nov-2006

**Software Availability:** Jul-2006

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**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
- **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
- **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

<table>
<thead>
<tr>
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</table>

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
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Hardware Availability: Nov-2006
Software Availability: Jul-2006

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
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**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

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

Tested with SPEC CPU2006 v1.0.