Acer Incorporated

Acer Altos G540 (Intel Xeon X5355, 2.66GHz)

| SPECint Rate2006 | 47.3 |
| SPECint Rate Base2006 | 45.9 |

CPU 2006 license: 97
Test sponsor: Acer Incorporated
Tested by: Acer Incorporated
Test date: Feb-2007
Hardware Availability: Nov-2006
Software Availability: Jul-2006

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<th>Benchmark</th>
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## 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 core, 4 MB shared / 2 cores
- L3 Cache: None
- Other Cache: None
- Memory: 16 GB (1 x 2048MB ECC FR-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
- 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
## Acer Incorporated

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### Results Table

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</tbody>
</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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Standard Performance Evaluation Corporation
info@spec.org
http://www.spec.org/
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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 /F5120000000 shlw32m.lib
-link /FORCE:MULTIPLE

C++ benchmarks:
-Qprof_gen(pass 1) -Qprof_use(pass 2) -fast -Qcxx_features
/F5120000000 shlw32m.lib
-link /FORCE:MULTIPLE

Peak Other Flags

C benchmarks:

Continued on next page
## SPEC CINT2006 Result

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### Peak Other Flags (Continued)

403.gcc: -Dalloca=_alloca

The flags file that was used to format this result can be browsed at  

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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