Acer Incorporated

Acer Altos G540 (Intel Xeon X5355, 2.66GHz)

SPECint_rate2006 = 80.5
SPECint_rate_base2006 = 78.0

CPU2006 license: 97
Test date: Feb-2007
Test sponsor: Acer Incorporated
Software Availability: Jul-2006
Tested by: Acer Incorporated
Hardware Availability: Nov-2006

Copies

<table>
<thead>
<tr>
<th>Benchmark</th>
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</tr>
<tr>
<td>483.xalancbmk</td>
<td>220</td>
<td>212</td>
</tr>
</tbody>
</table>

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 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
### SPEC CINT2006 Result

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### Test Results Table

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

### General Notes

**Base Compiler Invocation**

C benchmarks:
```bash
icl -Qvc7.1 -Qc99
```

C++ benchmarks:
```bash
icl -Qvc7.1
```

### Base Portability Flags

403.gcc: -DSPEC_CPU_WIN32  
464.h264ref: -DSPEC_CPU_NO_INTTYPES -DWIN32

---

Standard Performance Evaluation Corporation  
info@spec.org  
http://www.spec.org/
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**Base Optimization Flags**

C benchmarks:

```
-fast /F512000000 shlw32m.lib
```

C++ benchmarks:

```
-fast -Qcxx_features /F512000000 shlw32m.lib
```

**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
```

```
-Qprof_gen(pass 1) -Qprof_use(pass 2) -fast -Qcxx_features /F512000000 shlw32m.lib
```

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**Peak Other Flags**

C benchmarks:

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

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