Acer Incorporated

Acer Altos G330 (Intel Xeon X3220, 2.4 GHz)

SPECint®_rate2006 = 44.3
SPECint_rate_base2006 = 42.8

CPU2006 license: 97
Test date: Feb-2007

Test sponsor: Acer Incorporated
Hardware Availability: Jan-2006

Tested by: Acer Incorporated
Software Availability: Jul-2006

400.perlbench 44.3
401.bzip2 42.6
403.gcc 42.0
429.mcf 42.7
445.gobmk 69.0
456.hmmer 41.2
458.sjeng 40.3
462.libquantum 58.3
464.h264ref 102
471.omnetpp 27.7
473.astar 33.4
483.xalancbmk 57.6

**SPECint_rate_base2006 = 42.8**

**SPECint_rate2006 = 44.3**

**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

**Hardware**

CPU Name: Intel Xeon X3220
CPU Characteristics: 1066MHz system bus
CPU MHZ: 2400
FPU: Integrated
CPU(s) enabled: 4 cores, 1 chip, 4 cores/chip
CPU(s) orderable: 1 chip
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: 4 GB (4 x 1024MB ECC DDR2-667 CL5-5-5)
Disk Subsystem: 1 x 80GB 10000RPM SATA HDD
Other Hardware: None

Standard Performance Evaluation Corporation
info@spec.org
http://www.spec.org/
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Results Table

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<th>Seconds</th>
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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
SPEC CINT2006 Result

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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 /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
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Tested with SPEC CPU2006 v1.0.  
Originally published on 8 March 2007.

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.