



SPEC[®] CINT2006 Result

Copyright 2006-2014 Standard Performance Evaluation Corporation

Acer Incorporated

SPECint[®]_rate2006 = 85.0

Acer Altos R520 (Intel Xeon X5355, 2.66GHz)

SPECint_rate_base2006 = 79.4

CPU2006 license: 97

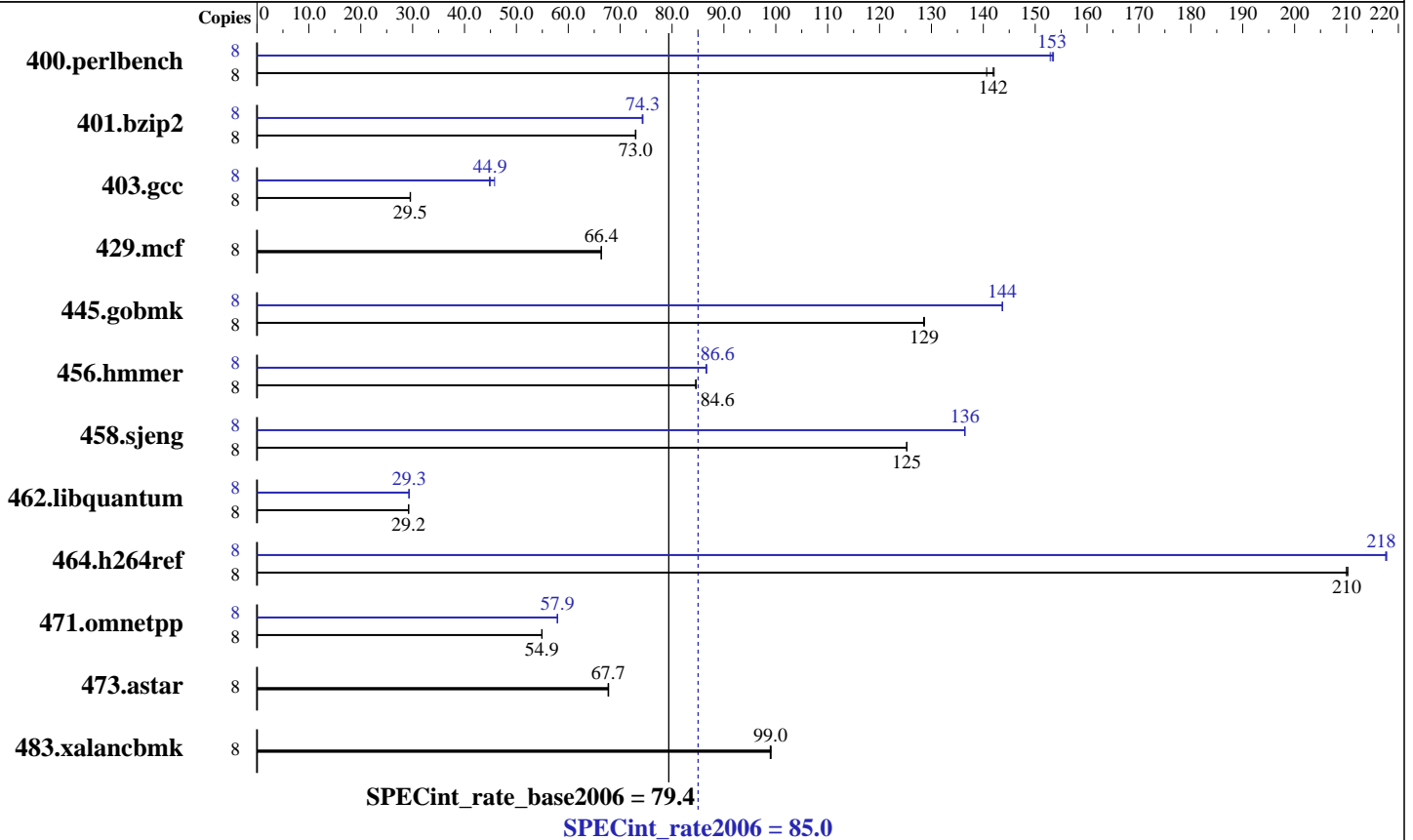
Test date: Mar-2007

Test sponsor: Acer Incorporated

Hardware Availability: Nov-2006

Tested by: Acer Incorporated

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 x64 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



SPEC CINT2006 Result

Copyright 2006-2014 Standard Performance Evaluation Corporation

Acer Incorporated

SPECint_rate2006 = 85.0

Acer Altos R520 (Intel Xeon X5355, 2.66GHz)

SPECint_rate_base2006 = 79.4

CPU2006 license: 97

Test date: Mar-2007

Test sponsor: Acer Incorporated

Hardware Availability: Nov-2006

Tested by: Acer Incorporated

Software Availability: Jul-2006

Results Table

Benchmark	Base							Peak						
	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
400.perlbench	8	556	141	<u>551</u>	<u>142</u>	550	142	8	511	153	<u>510</u>	<u>153</u>	509	154
401.bzip2	8	1057	73.0	<u>1058</u>	<u>73.0</u>	1059	72.9	8	1040	74.2	<u>1038</u>	<u>74.3</u>	1038	74.4
403.gcc	8	2181	29.5	2176	29.6	<u>2180</u>	<u>29.5</u>	8	1437	44.8	<u>1433</u>	<u>44.9</u>	1406	45.8
429.mcf	8	1100	66.4	1099	66.4	<u>1099</u>	<u>66.4</u>	8	1100	66.4	1099	66.4	<u>1099</u>	<u>66.4</u>
445.gobmk	8	653	128	652	129	<u>653</u>	<u>129</u>	8	584	144	<u>584</u>	<u>144</u>	584	144
456.hammer	8	882	84.6	883	84.5	<u>882</u>	<u>84.6</u>	8	862	86.6	<u>862</u>	<u>86.6</u>	861	86.7
458.sjeng	8	773	125	773	125	<u>773</u>	<u>125</u>	8	<u>710</u>	<u>136</u>	710	136	709	136
462.libquantum	8	5675	29.2	<u>5675</u>	<u>29.2</u>	5670	29.2	8	<u>5656</u>	<u>29.3</u>	5653	29.3	5659	29.3
464.h264ref	8	842	210	<u>843</u>	<u>210</u>	843	210	8	<u>814</u>	<u>218</u>	814	218	813	218
471.omnetpp	8	911	54.9	910	54.9	<u>910</u>	<u>54.9</u>	8	863	57.9	<u>863</u>	<u>57.9</u>	864	57.9
473.astar	8	828	67.8	<u>829</u>	<u>67.7</u>	830	67.7	8	828	67.8	<u>829</u>	<u>67.7</u>	830	67.7
483.xalancbmk	8	558	98.9	557	99.1	<u>558</u>	<u>99.0</u>	8	558	98.9	557	99.1	<u>558</u>	<u>99.0</u>

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

General Notes

Disable hardware prefetching and disable adjacent cache line prefetch BIOS setting

This result was measured on the Acer Altos R520.

The Altos R720 and Altos R520 are electronically equivalent.

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

Copyright 2006-2014 Standard Performance Evaluation Corporation

Acer Incorporated

SPECint_rate2006 = 85.0

Acer Altos R520 (Intel Xeon X5355, 2.66GHz)

SPECint_rate_base2006 = 79.4

CPU2006 license: 97

Test sponsor: Acer Incorporated

Tested by: Acer Incorporated

Test date: Mar-2007

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: -Qprof_gen(pass 1) -Qprof_use(pass 2) -fast /F512000000
-link /FORCE:MULTIPLE`

`429.mcf: basepeak = yes`

`445.gobmk: Same as 400.perlbench`

Continued on next page



SPEC CINT2006 Result

Copyright 2006-2014 Standard Performance Evaluation Corporation

Acer Incorporated

SPECint_rate2006 = 85.0

Acer Altos R520 (Intel Xeon X5355, 2.66GHz)

SPECint_rate_base2006 = 79.4

CPU2006 license: 97

Test sponsor: Acer Incorporated

Tested by: Acer Incorporated

Test date: Mar-2007

Hardware Availability: Nov-2006

Software Availability: Jul-2006

Peak Optimization Flags (Continued)

456.hmmr: 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: basepeak = yes

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.20090714.00.html>

You can also download the XML flags source by saving the following link:

<http://www.spec.org/cpu2006/flags/Acer-CPU2006-ic91-flags.20090714.00.xml>

SPEC and SPECint are registered trademarks of the Standard Performance Evaluation Corporation. All other brand and product names appearing in this result are trademarks or registered trademarks of their respective holders.

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

Tested with SPEC CPU2006 v1.0.
Report generated on Tue Jul 22 12:13:22 2014 by SPEC CPU2006 PS/PDF formatter v6932.
Originally published on 15 May 2007.