



SPEC® CINT2006 Result

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ASUS Computer International

SPECint®2006 = Not Run

Asus M2N32-SLI Deluxe
(AMD Athlon 64 FX-62)

SPECint_base2006 = 11.4

CPU2006 license: 13

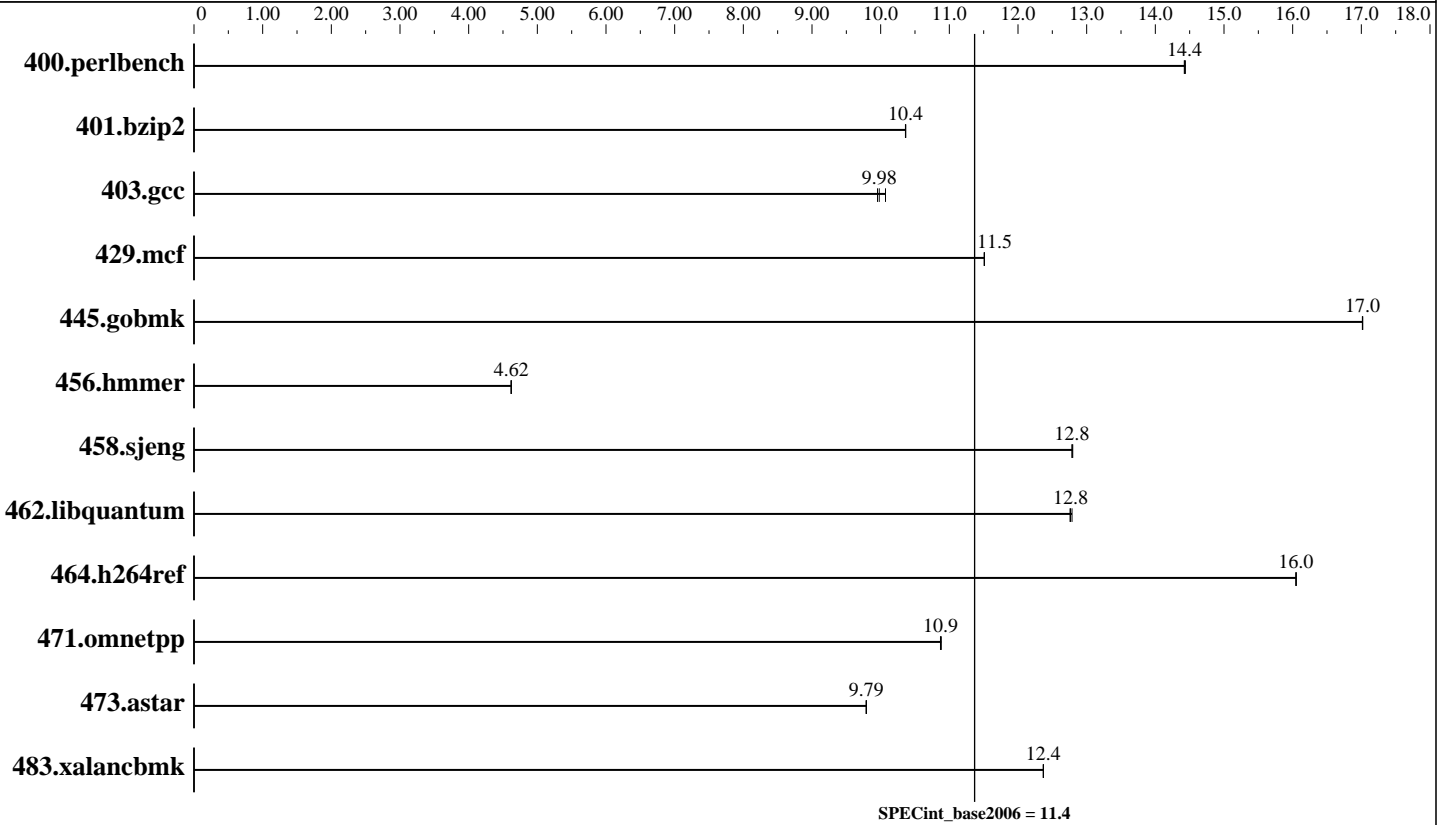
Test date: Aug-2006

Test sponsor: Intel Corporation

Hardware Availability: Jul-2006

Tested by: Intel Corporation

Software Availability: Aug-2006



Hardware

CPU Name: AMD Athlon 64 FX-62
 CPU Characteristics: 2.80 GHz, 2x1MB L2 per core
 CPU MHz: 2800
 FPU: Integrated
 CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip
 CPU(s) orderable: 1 chip
 Primary Cache: 64 KB I + 64 KB D on chip per core
 Secondary Cache: 1 MB I+D on chip per core
 L3 Cache: None
 Other Cache: None
 Memory: 2 GB (2 1GB Corsair TWIN2X2048-8500C5 DDR2 1066 CL5-5-5)
 Disk Subsystem: Maxtor DiamondMax 10 6B300S0 300GB NCQ Serial ATA (7200 RPM, 16MB cache)
 Other Hardware: None

Software

Operating System: Windows XP Professional SP2 32-bit
 Compiler: Intel C++ Compiler 9.1 for IA32 Build 20060816Z
 Microsoft Visual Studio .Net 2003 (for libraries)
 SmartHeap Library Version 8.0 from <http://www.microquill.com/>
 Auto Parallel: No
 File System: NTFS
 System State: Default
 Base Pointers: 32-bit
 Peak Pointers: Not Applicable
 Other Software: None



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Results Table

Benchmark	Base						Peak					
	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
400.perlbench	677	14.4	677	14.4	<u>677</u>	<u>14.4</u>						
401.bzip2	931	10.4	931	10.4	<u>931</u>	<u>10.4</u>						
403.gcc	809	9.95	799	10.1	<u>807</u>	<u>9.98</u>						
429.mcf	792	11.5	792	11.5	<u>792</u>	<u>11.5</u>						
445.gobmk	<u>616</u>	<u>17.0</u>	616	17.0	617	17.0						
456.hmmer	2020	4.62	2019	4.62	<u>2019</u>	<u>4.62</u>						
458.sjeng	946	12.8	946	12.8	<u>946</u>	<u>12.8</u>						
462.libquantum	1624	12.8	1620	12.8	<u>1623</u>	<u>12.8</u>						
464.h264ref	1379	16.0	1379	16.1	<u>1379</u>	<u>16.0</u>						
471.omnetpp	<u>575</u>	<u>10.9</u>	575	10.9	574	10.9						
473.astar	717	9.79	<u>717</u>	<u>9.79</u>	717	9.79						
483.xalancbmk	558	12.4	558	12.4	<u>558</u>	<u>12.4</u>						

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

General Notes

Memory timings set manually to DDR2-800 5-5-5-15 in the bios
The SUT was built with a discrete PCIe graphics card (ATI Radeon X1900 XTX)
and an ATX 550W power supply. The 2 DIMMs were configured in dual-channel mode.

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

Base Optimization Flags

C benchmarks:
-arch:SSE2 -Qprec-div- -O3 -Qipo /F512000000 shlw32m.lib
-link /FORCE:MULTIPLE

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Base Optimization Flags (Continued)

C++ benchmarks:
-arch:SSE2 -Qprec-div- -O3 -Qipo -Oi- -Qcxx_features /F512000000
shlw32m.lib -link /FORCE:MULTIPLE

Base 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/Intel-ic91-flags.20090715.03.html>

You can also download the XML flags source by saving the following link:
<http://www.spec.org/cpu2006/flags/Intel-ic91-flags.20090715.03.xml>

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

Tested with SPEC CPU2006 v1.0.
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