



# SPEC® CINT2006 Result

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## ASUS Computer International

(Test Sponsor: Intel Corporation)

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

### SPECint®\_rate2006 = Not Run

### SPECint\_rate\_base2006 = 21.8

CPU2006 license: 13

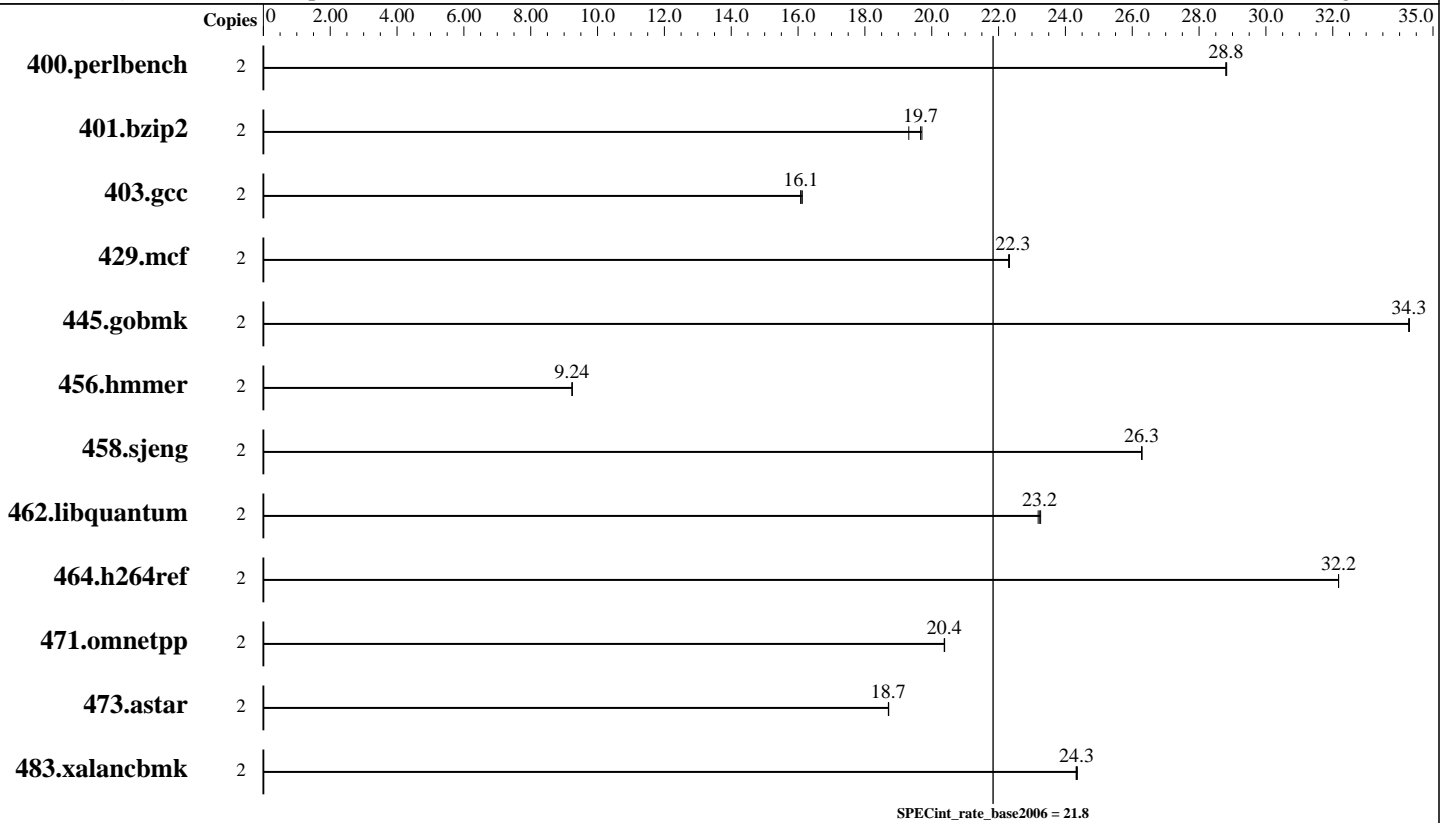
Test sponsor: Intel Corporation

Tested by: Intel Corporation

Test date: Aug-2006

Hardware Availability: Jul-2006

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							
	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
400.perlbench	2	<b>678</b>	<b>28.8</b>	678	28.8	678	28.8							
401.bzip2	2	999	19.3	<b>981</b>	<b>19.7</b>	979	19.7							
403.gcc	2	998	16.1	<b>1001</b>	<b>16.1</b>	1001	16.1							
429.mcf	2	818	22.3	817	22.3	<b>817</b>	<b>22.3</b>							
445.gobmk	2	612	34.3	612	34.3	<b>612</b>	<b>34.3</b>							
456.hammer	2	2019	9.24	<b>2020</b>	<b>9.24</b>	2020	9.24							
458.sjeng	2	921	26.3	<b>921</b>	<b>26.3</b>	921	26.3							
462.libquantum	2	1782	23.3	<b>1784</b>	<b>23.2</b>	1787	23.2							
464.h264ref	2	1376	32.2	1376	32.2	<b>1376</b>	<b>32.2</b>							
471.omnetpp	2	<b>613</b>	<b>20.4</b>	613	20.4	613	20.4							
473.astar	2	751	18.7	750	18.7	<b>751</b>	<b>18.7</b>							
483.xalancbmk	2	<b>567</b>	<b>24.3</b>	567	24.4	567	24.3							

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](mailto:webmaster@spec.org).

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