



# SPEC® CINT2006 Result

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Tyan

(Test Sponsor: Advanced Micro Devices)

SPECint®\_rate2006 - Not Run

Tyan Thunder n425QE (S4985E), AMD Opteron 2350

SPECint\_rate\_base2006 - NA

CPU2006 license: 49

Test sponsor: Advanced Micro Devices

Tested by: Advanced Micro Devices

Test date: Sep-2007

Hardware Availability: Oct-2007

Software Availability: Jul-2007

**SPEC has determined that this result was not in compliance with the SPEC CPU2006 run and reporting rules. Specifically, the submitter reported that the result would not meet the SPEC OSG requirements for continued availability.**

- Copies
- 400.perlbench
- 401.bzip2
- 403.gcc
- 429.mcf
- 445.gobmk
- 456.hmmer
- 458.sjeng
- 462.libquantum
- 464.h264ref
- 471.omnetpp
- 473.ast
- 483.xalancbmk

**NOT AVAILABLE**

### Hardware

CPU Name: AMD Opteron 2350  
 CPU Characteristic: 2000  
 CPU MHz: Integrated  
 FPU: Integrated  
 CPU(s) enabled: 8 cores, 2 chips, 4 cores/chip  
 CPU(s) orderable: 2,4 chips  
 Primary Cache: 64 KB I + 64 KB D on chip per core  
 Secondary Cache: 512 KB I+D on chip per core  
 L3 Cache: 2 MB I+D on chip per chip  
 Other Cache: None

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### Software

Operating System: SuSE Linux Enterprise Server 10 SP1 64-bit kernel  
 Compiler: gcc, g++ 4.1.2  
 Auto Parallel: No  
 File System: ext3  
 System State: Multi-user, run level 3  
 Base Pointers: 64-bit  
 Peak Pointers: Not Applicable  
 Other Software: None



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Memory: 16 GB (8x2GB, DDR2-667 CL5 Reg Dual Rank)  
Disk Subsystem: 1x150GB SATA, 7200 RPM  
Other Hardware: None

## Results Table

Benchmark	Base						Peak							
	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Copies	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
400.perlbench	8	NA	NA	NA	NA	NA	NA							
401.bzip2	8	NA	NA	NA	NA	NA	NA							
403.gcc	8	NA	NA	NA	NA	NA	NA							
429.mcf	8	NA	NA	NA	NA	NA	NA							
445.gobmk	8	NA	NA	NA	NA	NA	NA							
456.hmmer	8	NA	NA	NA	NA	NA	NA							
458.sjeng	8	NA	NA	NA	NA	NA	NA							
462.libquantum	8	NA	NA	NA	NA	NA	NA							
464.h264ref	8	NA	NA	NA	NA	NA	NA							
471.omnetpp	8	NA	NA	NA	NA	NA	NA							
473.astar	8	NA	NA	NA	NA	NA	NA							
483.xalanbmk	8	NA	NA	NA	NA	NA	NA							

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

## Operating System Notes

Used to bind copies to the cores

## General Notes

The test system can be assembled using a PC Power & Cooling T1KWSR 1000W Turbo-Cool 12V power supply.

## Base Compiler Invocation

C benchmarks:  
gcc

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## Base Compiler Invocation (Continued)

C++ benchmarks:  
g++

## Base Portability Flags

```
400.perlbench: -DSPEC_CPU_LP64 -DSPEC_CPU_LINUX_X64
401.bzip2: -DSPEC_CPU_LP64
403.gcc: -DSPEC_CPU_LP64
429.mcf: -DSPEC_CPU_LP64
445.gobmk: -DSPEC_CPU_LP64
456.hmmer: -DSPEC_CPU_LP64
458.sjeng: -DSPEC_CPU_LP64
462.libquantum: -DSPEC_CPU_LP64 -DSPEC_CPU_LINUX
464.h264ref: -DSPEC_CPU_LP64
471.omnetpp: -DSPEC_CPU_LP64
473.astar: -DSPEC_CPU_LP64
483.xalanbmk: -DSPEC_CPU_LP64 -DSPEC_CPU_LINUX
```

## Base Optimization Flags

C benchmarks:  
-O3 -fno-inline-functions -funroll-loops  
-O3 -funroll-loops

The flags file that was used to format this result can be browsed at  
[http://www.spec.org/cpu2006/flags/CPU2006\\_flags.20090714.03.html](http://www.spec.org/cpu2006/flags/CPU2006_flags.20090714.03.html)

You can also download the XML flags source by saving the following link:  
[http://www.spec.org/cpu2006/flags/CPU2006\\_flags.20090714.03.xml](http://www.spec.org/cpu2006/flags/CPU2006_flags.20090714.03.xml)



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**Not Available**

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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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