

# SPEC® CFP2006 Result

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Tyan

SPECfp®2006 = Not Run

Tyan Thunder KKQS Pro (S4882)

SPECfp\_base2006 = 0.00

CPU2006 license #: 9999 Test sponsor: Turbo Computers Test date: Dec-9999 Hardware Availability: Dec-9999 Software Availability: Dec-9999

410.bwaves	
416.gamess	
433.milc	
434.zeusmp	
435.gromacs	
436.cactusADM	
437.leslie3d	
444.namd	
447.dealII	
450.soplex	
453.povray	
454.calculix	
459.GemsFDTD	
465.tonto	
470.lbm	
481.wrf	
482.sphinx3	

## Hardware

CPU Name: AMD Opteron 256  
CPU Characteristics:  
CPU MHz: 3000  
FPU: Integrated  
CPU(s) enabled: 1 core, 1 chip, 1 core/chip  
CPU(s) orderable: 1 chip  
Primary Cache: 64 KB I + 64 KB D on chip per chip  
Secondary Cache: 1 MB I+D on chip per chip  
L3 Cache: None  
Other Cache: None  
Memory: 2 GB (2 x 1GB DDR333 CL2.5)

Continued on next page

## Software

Operating System: SUSE SLES9 (for AMD64)  
Compiler: gcc , g++ & gfortran 4.2.0325 (for AMD64)  
Auto Parallel: No  
File System: ext3  
System State: runlevel 3  
Base Pointers: 64-bit  
Peak Pointers: Not Applicable  
Other Software: None

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## Hardware (Continued)

Disk Subsystem: SATA  
Other Hardware: --

## Errors

'reportable' flag not set during run  
465.tonto base did not have enough runs!  
453.povray base did not have enough runs!  
444.namd base did not have enough runs!  
416.gamess base did not have enough runs!  
436.cactusADM base did not have enough runs!  
459.GemsFDTD base did not have enough runs!  
450.soplex base did not have enough runs!  
437.leslie3d base did not have enough runs!  
447.dealII base did not have enough runs!  
481.wrf base did not have enough runs!  
433.milc base did not have enough runs!  
410.bwaves base did not have enough runs!  
435.gromacs base did not have enough runs!  
482.sphinx3 base did not have enough runs!  
434.zeusmp base did not have enough runs!  
470.lbm base did not have enough runs!  
454.calculix base did not have enough runs!  
Input set must be 'ref' for a valid run (set to 'test' for this run)  
Unknown flags were used! See  
<http://www.spec.org/auto/cpu2006/Docs/runspec.html#flagsurl>  
for information about how to get rid of this error.

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## Results Table

Benchmark	Base						Peak					
	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
410.bwaves												
416.gamess												
433.milc												
434.zeusmp												
435.gromacs												
436.cactusADM												
437.leslie3d												
444.namd												
447.dealII												
450.soplex												
453.povray												
454.calculix												
459.GemsFDTD												
465.tonto												
470.lbm												
481.wrf	0.0528	--										
482.sphinx3												

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

## General Notes

PORTABILITY=-DSPEC\_CPU\_LP64 is applied to all benchmarks in base.

C base flags: -O3 -march=native

C++ base flags: -O3 -march=native -fpermissive -Wdeprecated -Wdeprecated-declarations

Fortran base flags: -O3 -march=native -std=legacy

## Base Unknown Flags

481.wrf: "/usr/bin/gfortran" (in FC) "/usr/bin/gcc" (in CC)  
"/usr/bin/gfortran" (in LD)  
"-O3 -march=native -std=legacy" (in FOPTIMIZE)  
"-O3 -march=native" (in COPTIMIZE)

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