

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)

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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
447.dealII base did not have enough runs!
Input set must be 'ref' for a valid run (set to 'train' 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	117	--	119	--	118	--						
416.gamess	84.3	--	84.8	--	84.7	--						
433.milc	12.2	--	12.2	--	12.4	--						
434.zeusmp	21.4	--	21.6	--	21.5	--						
435.gromacs	71.5	--	72.2	--	71.4	--						
436.cactusADM	15.7	--	16.2	--	15.8	--						
437.leslie3d	60.4	--	58.9	--	59.6	--						
444.namd	9.18	--	9.25	--	9.15	--						
447.dealII	0.00	--										
450.soplex	5.23	--	5.26	--	5.26	--						
453.povray	4.57	--	4.56	--	4.56	--						
454.calculix	1.02	--	1.01	--	1.01	--						
459.GemsFDTD	34.6	--	34.5	--	34.3	--						
465.tonto	141	--	145	--	142	--						
470.lbm	32.7	--	32.9	--	33.0	--						
481.wrf	0.0840	--	0.0831	--	0.0839	--						
482.sphinx3	7.07	--	7.13	--	7.02	--						

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: -O2

C++ base flags: -O2

Fortran base flags: -O2

Base Unknown Flags

410.bwaves: "/usr/bin/gfortran" (in FC) "/usr/bin/gfortran" (in LD)
"-O2" (in FOPTIMIZE)

416.gamess: "/usr/bin/gfortran" (in FC) "/usr/bin/gfortran" (in LD)
"-O2" (in FOPTIMIZE)

433.milc: "/usr/bin/gcc" (in CC) "/usr/bin/gcc" (in LD)
"-O2" (in COPTIMIZE)

434.zeusmp: "/usr/bin/gfortran" (in FC) "/usr/bin/gfortran" (in LD)
"-O2" (in FOPTIMIZE)

435.gromacs: "/usr/bin/gfortran" (in FC) "/usr/bin/gcc" (in CC)
"/usr/bin/gfortran" (in LD) "-O2" (in FOPTIMIZE)
"-O2" (in COPTIMIZE)

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Base Unknown Flags (Continued)

436.cactusADM: "/usr/bin/gfortran" (in FC) "/usr/bin/gcc" (in CC)
"/usr/bin/gfortran" (in LD) "-O2" (in FOPTIMIZE)
"-O2" (in COPTIMIZE)

437.leslie3d: "/usr/bin/gfortran" (in FC) "/usr/bin/gfortran" (in LD)
"-O2" (in FOPTIMIZE)

444.namd: "/usr/bin/g++" (in CXX) "/usr/bin/g++" (in LD)
"-O2" (in CXXOPTIMIZE)

450.soplex: "/usr/bin/g++" (in CXX) "/usr/bin/g++" (in LD)
"-O2" (in CXXOPTIMIZE)

453.povray: "/usr/bin/g++" (in CXX) "/usr/bin/g++" (in LD)
"-O2" (in CXXOPTIMIZE)

454.calculix: "/usr/bin/gfortran" (in FC) "/usr/bin/gcc" (in CC)
"/usr/bin/gfortran" (in LD) "-O2" (in FOPTIMIZE)
"-O2" (in COPTIMIZE)

459.GemsFDTD: "/usr/bin/gfortran" (in FC) "/usr/bin/gfortran" (in LD)
"-O2" (in FOPTIMIZE)

465.tonto: "/usr/bin/gfortran" (in FC) "/usr/bin/gfortran" (in LD)
"-O2" (in FOPTIMIZE)

470.lbm: "/usr/bin/gcc" (in CC) "/usr/bin/gcc" (in LD)
"-O2" (in COPTIMIZE)

481.wrf: "/usr/bin/gfortran" (in FC) "/usr/bin/gcc" (in CC)
"/usr/bin/gfortran" (in LD) "-O2" (in FOPTIMIZE)
"-O2" (in COPTIMIZE)

482.sphinx3: "/usr/bin/gcc" (in CC) "/usr/bin/gcc" (in LD)
"-O2" (in COPTIMIZE)

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