#### SPEC® CFP2006 Result Tyan SPECfp®2006 = Not Run Tyan Thunder KKQS Pro (S4882) SPECfp\_base2006: 0.00 Dec-9999 9999 Test sponsor: Dec-9999 Hardware Availability: CPU2006 license #: Turbo Computers | Test date: Dec-9999 Software Availability: 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 **Hard**ware Software CPU Name: AMD Opteron 256 Operating System: SUSE SLES9 (for AMD64) CPU Characteristics: gcc , g++ & gfortran 4.2.0325 (for AMD64) Compiler: **3**000 Auto Parallel: CPU MHz: No FPU: Integrated

CPU(s) enabled:

1 core, 1 chip, 1 core/chip

CPU(s) orderable:

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

2 GB (2 x 1GB DDR333 CL2.5) Memory: Continued on next page

File System: ext3 System State: runlevel 3 Base Pointers: 64-bit

Peak Pointers: Not Applicable

Other Software: None

# SPEC CFP2006 Result

Turbo Computers | Test date:

## Tyan

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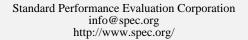
**Hardware (Continued)** 

**SATA** Disk Subsystem: 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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#### Dec-9999

#### **Results Table**

	Base						Peak					
Benchmark	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
410.bwaves	117		119		<u>118</u>						/	
416.gamess	84.3		84.8		<u>84.7</u>						7	
433.milc	<u>12.2</u>		12.2		12.4							
434.zeusmp	21.4		21.6		<u>21.5</u>			) _		1		
435.gromacs	<u>71.5</u>		72.2		71.4			<b>/</b>				
436.cactusADM	15.7		16.2		<u>15.8</u>							
437.leslie3d	60.4		58.9		<u>59.6</u>				1			
444.namd	<u>9.18</u>		9.25		9.15							
447.dealII	0.00				•							
450.soplex	5.23		5.26		<u>5.26</u>							
453.povray	4.57		4.56		<u>4.56</u>	((	$\searrow$					
454.calculix	1.02		<u>1.01</u>		1.01	<b>/</b>	)\/					
459.GemsFDTD	34.6		<u>34.5</u>	<u> </u>	34.3	(						
465.tonto	141		145	\-	142							
470.lbm	32.7		32.9	//	33.0	7						
481.wrf	0.0840		0.0831		0.0839	<b>/</b>						
482.sphinx3	<u>7.07</u>		7.13		7.02	1						

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

#### General Notes

PORTABILITY=-DSPEC CN applied to all benchmarks in base. LP64

C base flags: -02 C++ base flags:/-02

Fortran base flags:

### **Base Unknown Flags**

410.bwaves: /wsr/bin/gfortran"(in FC) "/usr/bin/gfortran"(in LD) 02" (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) "-02" (in FOPTIMIZE)

"-02" (in COPTIMIZE)

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**SPECfp2006** =

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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) "-02" (in FOPTIMIZE)

"-02" (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)
```

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