

SPEC® CINT2006 Result

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Tyan

SPECint®2006 = Not Run

Tyan Thunder KKQS Pro (S4882)

SPECint_base2006 = 0.00

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

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

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)
Disk Subsystem: SATA
Other Hardware: --

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

Errors

'reportable' flag not set during run
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
400.perlbench	17.8	--	17.4	--	<u>17.4</u>	--						
401.bzip2	31.4	--	31.2	--	<u>31.3</u>	--						
403.gcc	0.684	--	<u>0.670</u>	--	0.665	--						
429.mcf	14.2	--	<u>13.8</u>	--	13.8	--						
445.gobmk	76.5	--	75.1	--	<u>75.2</u>	--						
456.hmmer	38.1	--	37.3	--	<u>37.4</u>	--						
458.sjeng	97.4	--	94.0	--	<u>94.0</u>	--						
462.libquantum	1.25	--	<u>1.24</u>	--	1.24	--						
464.h264ref	53.7	--	<u>53.6</u>	--	52.7	--						
471.omnetpp	<u>38.7</u>	--	38.7	--	38.5	--						
473.astar	<u>71.3</u>	--	70.6	--	72.0	--						
483.xalancbmk	<u>39.5</u>	--	39.4	--	39.5	--						

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.

400.perlbench: -DSPEC_CPU_LINUX_X64

462.libquantum: -DSPEC_CPU_LINUX

C base flags: -O2

C++ base flags: -O2

Fortran base flags: -O2

Base Unknown Flags

400.perlbench: "/usr/bin/gcc" (in CC) "/usr/bin/gcc" (in LD)
"-O2" (in COPTIMIZE)

401.bzip2: "/usr/bin/gcc" (in CC) "/usr/bin/gcc" (in LD)
"-O2" (in COPTIMIZE)

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

429.mcf: "/usr/bin/gcc" (in CC) "/usr/bin/gcc" (in LD)
"-O2" (in COPTIMIZE)

445.gobmk: "/usr/bin/gcc" (in CC) "/usr/bin/gcc" (in LD)
"-O2" (in COPTIMIZE)

456.hmmer: "/usr/bin/gcc" (in CC) "/usr/bin/gcc" (in LD)
"-O2" (in COPTIMIZE)

458.sjeng: "/usr/bin/gcc" (in CC) "/usr/bin/gcc" (in LD)
"-O2" (in COPTIMIZE)

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Base Unknown Flags (Continued)

462.libquantum: "/usr/bin/gcc" (in CC) "/usr/bin/gcc" (in LD)
"-O2" (in COPTIMIZE)

464.h264ref: "/usr/bin/gcc" (in CC) "/usr/bin/gcc" (in LD)
"-O2" (in COPTIMIZE)

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

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

483.xalancbmk: "/usr/bin/g++" (in CXX) "/usr/bin/g++" (in LD)
"-include cstdlib -include cstring" (in CXXPORTABILITY)
"-O2" (in CXXOPTIMIZE)

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