



CFP2000 Result

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Fujitsu Siemens Computers

PRIMERGY Econel200 S2, Intel Xeon processor 5130, 2.0 GHz

SPECfp_rate2000 = 64.7

SPECfp_rate_base2000 = 64.7

SPEC license #: 22 | Tested by: Fujitsu Siemens Computers | Test date: Nov-2006 | Hardware Avail: Jul-2006 | Software Avail: Aug-2006

				Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
250	200	150	100	168.wupwise	4	74.6	99.5	4	74.6	99.5
				171.swim	4	310	46.3	4	310	46.3
				172.mgrid	4	200	41.8	4	200	41.8
				173.applu	4	244	40.0	4	244	40.0
				177.mesa	4	67.6	96.1	4	67.6	96.1
				178.galgel	4	82.5	163	4	82.5	163
				179.art	4	60.5	199	4	60.5	199
				183.equake	4	138	43.6	4	138	43.6
				187.facerec	4	107	82.4	4	107	82.4
				188.amp	4	159	64.2	4	159	64.2
				189.lucas	4	208	44.5	4	208	44.5
				191.fma3d	4	185	52.8	4	185	52.8
				200.sixtrack	4	147	34.8	4	147	34.8
				301.apsi	4	242	49.9	4	242	49.9

Hardware

CPU: Intel Xeon processor 5130 (2.0 GHz, 4MB L2, 1333 MHz system bus)
CPU MHz: 2000
FPU: Integrated
CPU(s) enabled: 4 cores, 2 chips, 2 cores/chip
CPU(s) orderable: 1,2 chips
Parallel: No
Primary Cache: 32KB(I) + 32KB(D) on chip, per core
Secondary Cache: 4096(I+D) on chip, per chip
L3 Cache: N/A
Other Cache: N/A
Memory: 4x1GB DDR2-RAM PC2-5300F (CAS 5-5-5)
Disk Subsystem: Western Digital WD800JD (SATA, 7.2krpm, 80GB)
Other Hardware: none

Software

Operating System: 64-Bit SUSE LINUX Enterprise Server 10
Kernel 2.6.16.21-0.8-smp on an x86_64
Compiler: Intel C++ and Fortran Compiler 9.1 for EM64T
Build 20060816 (for 64-bit applications)
File System: reiserfs
System State: Multi-user run level 3

Notes/Tuning Information

GENERAL

+FDO implies feedback-directed optimization
PASS1: -prof_gen PASS2: -prof_use

Optimization flags

ONESTEP=yes set for all benchmarks

Portability flags

-DSPEC_CPU2000_LP64 applied to all benchmarks
178.galgel: -FI for fixed-format Fortran

Base tuning flags

for Fortran and C programs: -fast +FDO

Peak tuning flags

same as baseline (basepeak=true set globally)



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Notes/Tuning Information (Continued)

The system bus runs at 1333 MHz

This result was measured with 64-bit binaries using the 64-bit version of the operating system.

BIOS Configuration:

Adjacent Sector Prefetch = Disable

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