



CFP2000 Result

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Fujitsu Siemens Computers

PRIMERGY RX100 S4, Intel Xeon processor 3060, 2.40 GHz

SPECfp_rate2000 = 44.7

SPECfp_rate_base2000 = 44.7

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

150	120	90	60	30	Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
					168.wupwise	2	56.1	66.2	2	56.1	66.2
					171.swim	2	220	32.6	2	220	32.6
					172.mgrid	2	140	29.9	2	140	29.9
					173.applu	2	168	29.0	2	168	29.0
					177.mesa	2	56.5	57.5	2	56.5	57.5
					178.galgel	2	64.8	104	2	64.8	104
					179.art	2	44.7	135	2	44.7	135
					183.quake	2	80.0	37.7	2	80.0	37.7
					187.facerec	2	79.2	55.7	2	79.2	55.7
					188.amp	2	132	38.6	2	132	38.6
					189.lucas	2	132	35.1	2	132	35.1
					191.fma3d	2	135	36.1	2	135	36.1
					200.sixtrack	2	120	21.2	2	120	21.2
					301.apsi	2	156	38.6	2	156	38.6

Hardware

CPU: Intel Xeon 3060 (2.40 GHz, 4MB L2, 1066 MHz system bus)
CPU MHz: 2400
FPU: Integrated
CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip
CPU(s) orderable: 1 chip
Parallel: No
Primary Cache: 32KB(I) + 32KB(D) on chip, per core
Secondary Cache: 4096KB(I+D) on chip, per core
L3 Cache: N/A
Other Cache: N/A
Memory: 4x2GB DDRII-RAM PC2-4200E (CAS 4-4-4)
Disk Subsystem: Seagate ST3146854SS (SAS, 15.4krpm, 146GB)
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 9.0 for EM64T
Build 20060120 (for 64-bit applications)
File System: ext3
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 1066 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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