



CFP2000 Result

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Fujitsu Siemens Computers

PRIMERGY RX200 S3, Intel Xeon 5120 processor, 1.86 GHz

SPECfp_rate2000 = 33.9

SPECfp_rate_base2000 = 33.9

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	74.6	49.8	2	74.6	49.8
171.swim	2	264	27.3	2	264	27.3
172.mgrid	2	177	23.6	2	177	23.6
173.applu	2	194	25.2	2	194	25.2
177.mesa	2	73.9	43.9	2	73.9	43.9
178.galgel	2	82.9	81.1	2	82.9	81.1
179.art	2	63.3	95.3	2	63.3	95.3
183.quake	2	107	28.3	2	107	28.3
187.facerec	2	109	40.5	2	109	40.5
188.amp	2	174	29.3	2	174	29.3
189.lucas	2	181	25.6	2	181	25.6
191.fma3d	2	185	26.3	2	185	26.3
200.sixtrack	2	157	16.3	2	157	16.3
301.apsi	2	233	25.9	2	233	25.9

Hardware

CPU: Intel Xeon 5120 processor (1.86 GHz, 4MB L2, 1066 MHz system bus)
CPU MHz: 1866
FPU: Integrated
CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip
CPU(s) orderable: 1,2
Parallel: No
Primary Cache: 32KBI + 32KBD on chip, per core
Secondary Cache: 4096KB(I+D) on chip, shared
L3 Cache: N/A
Other Cache: N/A
Memory: 8x1GB DDRII-RAM PC2-4200F (CAS 4-4-4)
Disk Subsystem: Seagate ST336754SS (SAS, 15.4krpm, 36GB)
Other Hardware: none

Software

Operating System: 64-Bit SUSE LINUX Enterprise Server 9 with SP3
Kernel 2.6.5-7.244-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.

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