



CFP2000 Result

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Fujitsu Siemens Computers

PRIMERGY TX300 S3, Intel Xeon 5110 processor, 1.60 GHz

SPECfp_rate2000 = 31.5

SPECfp_rate_base2000 = 31.5

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	78.7	47.2	2	78.7	47.2
171.swim	2	263	27.3	2	263	27.3
172.mgrid	2	184	22.6	2	184	22.6
173.applu	2	198	24.6	2	198	24.6
177.mesa	2	84.4	38.5	2	84.4	38.5
178.galgel	2	92.9	72.4	2	92.9	72.4
179.art	2	68.9	87.5	2	68.9	87.5
183.quake	2	109	27.8	2	109	27.8
187.facerec	2	119	37.1	2	119	37.1
188.amp	2	198	25.7	2	198	25.7
189.lucas	2	186	24.9	2	186	24.9
191.fma3d	2	198	24.7	2	198	24.7
200.sixtrack	2	182	14.0	2	182	14.0
301.apsi	2	257	23.5	2	257	23.5

Hardware

CPU: Intel Xeon 5110 processor (1.60 GHz, 4MB SLC, 1066 MHz system bus)
CPU MHz: 1600
FPU: Integrated
CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip
CPU(s) orderable: 1,2
Parallel: No
Primary Cache: 32KB(I) + 32KB(D) on chip, per core
Secondary Cache: 4096KB(I+D) on chip, per chip
L3 Cache: N/A
Other Cache: N/A
Memory: 8x1024 MB 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: ext2
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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