



CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Fujitsu Siemens Computers
PRIMERGY RX300 S2, Dual-Core Intel Xeon 2.80 GHz

SPECfp_rate2000 = 42.5
SPECfp_rate_base2000 = 42.5

SPEC license #: 22 | Tested by: Fujitsu Siemens Computers | Test date: Sep-2005 | Hardware Avail: Nov-2005 | Software Avail: Sep-2005

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	4	115	64.4	4	115	64.4
171.swim	4	565	25.4	4	565	25.4
172.mgrid	4	350	23.9	4	350	23.9
173.applu	4	393	24.8	4	393	24.8
177.mesa	4	95.4	68.1	4	95.4	68.1
178.galgel	4	131	103	4	131	103
179.art	4	91.4	132	4	91.4	132
183.equake	4	185	32.6	4	185	32.6
187.facerec	4	183	48.1	4	183	48.1
188.amp	4	215	47.5	4	215	47.5
189.lucas	4	371	25.0	4	371	25.0
191.fma3d	4	301	32.4	4	301	32.4
200.sixtrack	4	197	25.9	4	197	25.9
301.apsi	4	273	44.2	4	273	44.2

Hardware

CPU: Dual-Core Intel Xeon 2.80 GHz (800 MHz bus)
CPU MHz: 2800
FPU: Integrated
CPU(s) enabled: 4 cores, 2 chips, 2 cores/chip (Hyper-Threading Technology disabled)
CPU(s) orderable: 1,2
Parallel: No
Primary Cache: 12k micro-ops I + 16KBD on chip, per core
Secondary Cache: 2048KB(I+D) on chip, per core
L3 Cache: N/A
Other Cache: N/A
Memory: 8x512 MB DDRII-RAM PC2-3200R
Disk Subsystem: Fujitsu MAS3367NC (SCSI U320, 15krpm, 36GB)
Other Hardware: none

Software

Operating System: 64-Bit Red Hat Enterprise Linux AS release 4 update 1
Kernel 2.6.9-11.ELsmp on an x86_64
Compiler: Intel C++ and Fortran Compiler 9.0 for EM64T
Build 20050914 (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

Base tuning flags

for Fortran and C programs: -fast +FDO

Peak tuning flags

same as baseline (basepeak=true set globally)

The system bus runs at 800 MHz



CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Fujitsu Siemens Computers
PRIMERGY RX300 S2, Dual-Core Intel Xeon 2.80 GHz

SPECfp_rate2000 = 42.5

SPECfp_rate_base2000 = 42.5

SPEC license #: 22 | Tested by: Fujitsu Siemens Computers | Test date: Sep-2005 | Hardware Avail: Nov-2005 | Software Avail: Sep-2005

Notes/Tuning Information (Continued)

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

For information about Fujitsu Siemens Computers in your country please see:
<http://www.fujitsu-siemens.com/countries>