



CFP2000 Result

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Fujitsu Siemens Computers

PRIMERGY RX200 S3, Intel Xeon 5160 processor, 3.0 GHz

SPECfp2000 = 2783

SPECfp_base2000 = 2783

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	43.0	3720	43.0	3720
171.swim	3100	111	2797	111	2797
172.mgrid	1800	92.1	1954	92.1	1954
173.applu	2100	98.0	2143	98.0	2143
177.mesa	1400	45.2	3095	45.2	3095
178.galgel	2900	41.0	7077	41.0	7077
179.art	2600	21.5	12089	21.5	12089
183.earth	1300	48.9	2658	48.9	2658
187.facerec	1900	63.4	2996	63.4	2996
188.amp	2200	102	2150	102	2150
189.lucas	2000	95.3	2098	95.3	2098
191.fma3d	2100	101	2071	101	2071
200.sixtrack	1100	95.8	1149	95.8	1149
301.apsi	2600	153	1696	153	1696

Hardware

CPU: Intel Xeon 5160 processor (3.0 GHz, 4MB L2, 1333 MHz system bus)
CPU MHz: 3000
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 PC2-5300F (CAS 5-5-5)
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 1333 MHz

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

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