



CFP2000 Result

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Fujitsu Siemens Computers

PRIMERGY BX620 S3, Intel Xeon 5140 processor, 2.33 GHz

SPECfp_rate2000 = 41.7

SPECfp_rate_base2000 = 41.7

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
120	100	80	60	40	20				
				168.wupwise	2	60.7	61.2	2	60.7	61.2
				171.swim	2	211	34.1	2	211	34.1
				172.mgrid	2	142	29.4	2	142	29.4
				173.applu	2	155	31.3	2	155	31.3
				177.mesa	2	59.2	54.8	2	59.2	54.8
				178.galgel	2	66.4	101	2	66.4	101
				179.art	2	51.7	117	2	51.7	117
				183.quake	2	88.4	34.1	2	88.4	34.1
				187.facerec	2	88.8	49.6	2	88.8	49.6
				188.amp	2	141	36.2	2	141	36.2
				189.lucas	2	149	31.1	2	149	31.1
				191.fma3d	2	149	32.6	2	149	32.6
				200.sixtrack	2	125	20.3	2	125	20.3
				301.apsi	2	195	30.9	2	195	30.9

Hardware

CPU: Intel Xeon 5140 processor (2.33 GHz, 4MB L2, 1333 MHz system bus)
 CPU MHz: 2333
 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 ST936701SS (SAS, 10 krpm, 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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