



CFP2000 Result

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Fujitsu Siemens Computers

PRIMERGY BX620 S3, Intel Xeon 5130 processor, 2.0 GHz

SPECfp_rate2000 = 38.8

SPECfp_rate_base2000 = 38.8

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	168.wupwise	2	64.1	57.9	2	64.1	57.9
		171.swim	2	211	34.1	2	211	34.1
		172.mgrid	2	148	28.2	2	148	28.2
		173.applu	2	159	30.6	2	159	30.6
		177.mesa	2	68.4	47.5	2	68.4	47.5
		178.galgel	2	74.6	90.2	2	74.6	90.2
		179.art	2	56.1	108	2	56.1	108
		183.quake	2	89.9	33.5	2	89.9	33.5
		187.facerec	2	96.6	45.6	2	96.6	45.6
		188.amp	2	160	31.9	2	160	31.9
		189.lucas	2	154	30.2	2	154	30.2
		191.fma3d	2	159	30.6	2	159	30.6
		200.sixtrack	2	146	17.5	2	146	17.5
		301.apsi	2	214	28.1	2	214	28.1

Hardware

CPU: Intel Xeon 5130 processor (2.0 GHz, 4MB L2, 1333 MHz system bus)
 CPU MHz: 2000
 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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