



CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Fujitsu Siemens Computers

PRIMERGY BX620 S3, Intel Xeon processor 5148, 2.33 GHz

SPECfp_rate2000 = 42.1

SPECfp_rate_base2000 = 42.1

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	59.9	61.9	2	59.9	61.9
171.swim	2	211	34.0	2	211	34.0
172.mgrid	2	142	29.5	2	142	29.5
173.applu	2	155	31.5	2	155	31.5
177.mesa	2	59.1	54.9	2	59.1	54.9
178.galgel	2	66.3	101	2	66.3	101
179.art	2	51.0	118	2	51.0	118
183.quake	2	85.9	35.1	2	85.9	35.1
187.facerec	2	87.4	50.4	2	87.4	50.4
188.amp	2	140	36.5	2	140	36.5
189.lucas	2	146	31.8	2	146	31.8
191.fma3d	2	148	32.9	2	148	32.9
200.sixtrack	2	125	20.4	2	125	20.4
301.apsi	2	194	31.1	2	194	31.1

Hardware

CPU: Intel Xeon processor 5148 (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 chips
Parallel: No
Primary Cache: 32KB(I) + 32KB(D) on chip, per core
Secondary Cache: 4MB(I+D) on chip, per chip
L3 Cache: N/A
Other Cache: N/A
Memory: 8x1GB DDR2-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)



CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Fujitsu Siemens Computers

PRIMERGY BX620 S3, Intel Xeon processor 5148, 2.33 GHz

SPECfp_rate2000 = 42.1

SPECfp_rate_base2000 = 42.1

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

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.

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