CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Fujitsu Siemens Computers

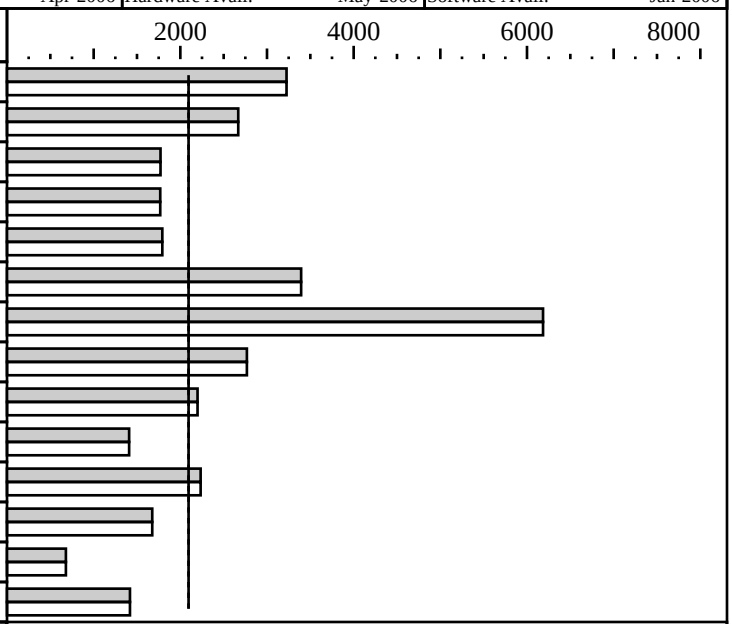
PRIMERGY TX150 S4, Intel Pentium 4 651 processor, 3.40 GHz

SPECfp2000 = 2095

SPECfp_base2000 = 2095

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	49.6	3225	49.6	3225
171.swim	3100	116	2668	116	2668
172.mgrid	1800	102	1771	102	1771
173.applu	2100	119	1768	119	1768
177.mesa	1400	78.1	1792	78.1	1792
178.galgel	2900	85.4	3394	85.4	3394
179.art	2600	42.0	6185	42.0	6185
183.equake	1300	47.0	2768	47.0	2768
187.facerec	1900	86.4	2199	86.4	2199
188.ammp	2200	156	1409	156	1409
189.lucas	2000	89.5	2234	89.5	2234
191.fma3d	2100	125	1676	125	1676
200.sixtrack	1100	162	680	162	680
301.apsi	2600	183	1419	183	1419



Hardware

CPU:	Intel Pentium 4 651 processor (3.40 GHz, 2MB L2, 800 MHz system bus)
CPU MHz:	3400
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip (Hyper-Threading Technology disabled)
CPU(s) orderable:	1
Parallel:	No
Primary Cache:	12k micro-ops I + 16KBD on chip
Secondary Cache:	2048KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	4x2GB DDRII-RAM PC2-4200E (CAS 4-4-4)
Disk Subsystem:	Fujitsu MAS3735NC (SCSI, 15 krpm, 73GB)
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)
```

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Notes/Tuning Information (Continued)

The system bus runs at 800 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