



CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Fujitsu Siemens Computers

PRIMERGY TX150 S4, Intel Pentium 4 631 processor, 3.0 GHz

SPECfp2000 = 1897

SPECfp_base2000 = 1897

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 | 54.5 | 2936 | 54.5 | 2936 | |
| 171.swim | 3100 | 121 | 2560 | 121 | 2560 | |
| 172.mgrid | 1800 | 113 | 1598 | 113 | 1598 | |
| 173.applu | 2100 | 131 | 1607 | 131 | 1607 | |
| 177.mesa | 1400 | 88.3 | 1586 | 88.3 | 1586 | |
| 178.galgel | 2900 | 99.4 | 2918 | 99.4 | 2918 | |
| 179.art | 2600 | 46.5 | 5596 | 46.5 | 5596 | |
| 183.earth | 1300 | 50.5 | 2572 | 50.5 | 2572 | |
| 187.facerec | 1900 | 95.3 | 1993 | 95.3 | 1993 | |
| 188.amp | 2200 | 175 | 1256 | 175 | 1256 | |
| 189.lucas | 2000 | 96.2 | 2078 | 96.2 | 2078 | |
| 191.fma3d | 2100 | 137 | 1528 | 137 | 1528 | |
| 200.sixtrack | 1100 | 183 | 600 | 183 | 600 | |
| 301.apsi | 2600 | 204 | 1274 | 204 | 1274 | |

Hardware

CPU: Intel Pentium 4 631 processor (3.0 GHz, 2MB L2, 800 MHz system bus)
CPU MHz: 3000
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)



CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Fujitsu Siemens Computers

PRIMERGY TX150 S4, Intel Pentium 4 631 processor, 3.0 GHz

SPECfp2000 = 1897

SPECfp_base2000 = 1897

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

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>