



# CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

## Fujitsu Siemens Computers

PRIMERGY TX150 S5, Intel Xeon processor 3040, 1.86 GHz

SPECfp\_rate2000 = 36.1

SPECfp\_rate\_base2000 = 36.1

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

| Benchmark    | Base Copies | Base Runtime | Base Ratio | Copies | Runtime | Ratio |
|--------------|-------------|--------------|------------|--------|---------|-------|
| 168.wupwise  | 2           | 62.7         | 59.2       | 2      | 62.7    | 59.2  |
| 171.swim     | 2           | 228          | 31.6       | 2      | 228     | 31.6  |
| 172.mgrid    | 2           | 165          | 25.3       | 2      | 165     | 25.3  |
| 173.applu    | 2           | 173          | 28.2       | 2      | 173     | 28.2  |
| 177.mesa     | 2           | 70.4         | 46.1       | 2      | 70.4    | 46.1  |
| 178.galgel   | 2           | 102          | 65.7       | 2      | 102     | 65.7  |
| 179.art      | 2           | 84.2         | 71.7       | 2      | 84.2    | 71.7  |
| 183.quake    | 2           | 84.3         | 35.8       | 2      | 84.3    | 35.8  |
| 187.facerec  | 2           | 100          | 44.0       | 2      | 100     | 44.0  |
| 188.amp      | 2           | 199          | 25.6       | 2      | 199     | 25.6  |
| 189.lucas    | 2           | 139          | 33.4       | 2      | 139     | 33.4  |
| 191.fma3d    | 2           | 151          | 32.2       | 2      | 151     | 32.2  |
| 200.sixtrack | 2           | 157          | 16.3       | 2      | 157     | 16.3  |
| 301.apsi     | 2           | 194          | 31.0       | 2      | 194     | 31.0  |

### Hardware

CPU: Intel Xeon processor 3040 (1.86 GHz, 2MB L2, 1066 MHz system bus)  
CPU MHz: 1866  
FPU: Integrated  
CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip  
CPU(s) orderable: 1 chip  
Parallel: No  
Primary Cache: 32KB(I) + 32KB(D) on chip, per core  
Secondary Cache: 2048KB(I+D) on chip, per chip  
L3 Cache: N/A  
Other Cache: N/A  
Memory: 4x2GB DDRII-RAM PC2-4200E (CAS 4-4-4)  
Disk Subsystem: Western Digital (SATA, 7.2krpm, 160GB)  
Other Hardware: none

### Software

Operating System: 64-Bit SUSE LINUX Enterprise Server 10  
Kernel 2.6.16.21-0.8-smp on an x86\_64  
Compiler: Intel C++ and Fortran Compiler 9.0 for EM64T  
Build 20060120 (for 64-bit applications)  
File System: reiserfs  
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 S5, Intel Xeon processor 3040, 1.86 GHz

SPECfp\_rate2000 = 36.1

SPECfp\_rate\_base2000 = 36.1

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

## Notes/Tuning Information (Continued)

The system bus runs at 1066 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>