



# CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

## Fujitsu Siemens Computers

PRIMERGY RX200 S3, Intel Xeon 5060 processor, 3.20 GHz

SPECfp\_rate2000 = 35.7

SPECfp\_rate\_base2000 = 35.7

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	64.7	57.3	2	64.7	57.3
171.swim	2	215	33.4	2	215	33.4
172.mgrid	2	140	29.9	2	140	29.9
173.applu	2	168	29.1	2	168	29.1
177.mesa	2	85.0	38.2	2	85.0	38.2
178.galgel	2	95.9	70.1	2	95.9	70.1
179.art	2	57.7	105	2	57.7	105
183.quake	2	91.7	32.9	2	91.7	32.9
187.facerec	2	126	35.0	2	126	35.0
188.amp	2	181	28.2	2	181	28.2
189.lucas	2	153	30.2	2	153	30.2
191.fma3d	2	165	29.6	2	165	29.6
200.sixtrack	2	173	14.7	2	173	14.7
301.apsi	2	224	26.9	2	224	26.9

### Hardware

CPU: Intel Xeon 5060 processor (3.20 GHz, 2x2MB L2, 1066 MHz system bus)  
 CPU MHz: 3200  
 FPU: Integrated  
 CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip (Hyper-Threading Technology disabled)  
 CPU(s) orderable: 1,2  
 Parallel: No  
 Primary Cache: 12k micro-ops I + 16KBD on chip, per core  
 Secondary Cache: 2048KB(I+D) on chip, per core  
 L3 Cache: N/A  
 Other Cache: N/A  
 Memory: 8x1GB DDRII-RAM PC2-4200F (CAS 4-4-4)  
 Disk Subsystem: Seagate ST336754SS (SAS, 15.4krpm, 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 RX200 S3, Intel Xeon 5060 processor, 3.20 GHz

SPECfp\_rate2000 = 35.7

SPECfp\_rate\_base2000 = 35.7

SPEC license #: 22 | Tested by: Fujitsu Siemens Computers | Test date: May-2006 | Hardware Avail: Jun-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>