



# CFP2000 Result

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**Fujitsu Siemens Computers**  
PRIMERGY RX600 S2, 64-bit Intel Xeon MP processor 3.33 GHz

SPECfp\_rate2000 = 54.9  
SPECfp\_rate\_base2000 = 54.9

SPEC license #: 22 | Tested by: Fujitsu Siemens Computers | Test date: Apr-2005 | Hardware Avail: Jul-2005 | Software Avail: Jan-2005

| Benchmark    | Base Copies | Base Runtime | Base Ratio | Copies | Runtime | Ratio |
|--------------|-------------|--------------|------------|--------|---------|-------|
| 168.wupwise  | 8           | 186          | 79.7       | 8      | 186     | 79.7  |
| 171.swim     | 8           | 680          | 42.3       | 8      | 680     | 42.3  |
| 172.mgrid    | 8           | 422          | 39.6       | 8      | 422     | 39.6  |
| 173.applu    | 8           | 480          | 40.6       | 8      | 480     | 40.6  |
| 177.mesa     | 8           | 208          | 62.4       | 8      | 208     | 62.4  |
| 178.galgel   | 8           | 215          | 125        | 8      | 215     | 125   |
| 179.art      | 8           | 231          | 104        | 8      | 231     | 104   |
| 183.quake    | 8           | 224          | 53.8       | 8      | 224     | 53.8  |
| 187.facerec  | 8           | 305          | 57.8       | 8      | 305     | 57.8  |
| 188.amp      | 8           | 411          | 49.6       | 8      | 411     | 49.6  |
| 189.lucas    | 8           | 458          | 40.6       | 8      | 458     | 40.6  |
| 191.fma3d    | 8           | 462          | 42.2       | 8      | 462     | 42.2  |
| 200.sixtrack | 8           | 278          | 36.7       | 8      | 278     | 36.7  |
| 301.apsi     | 8           | 462          | 52.2       | 8      | 462     | 52.2  |

### Hardware

CPU: 64-bit Intel Xeon MP processor (3.33 GHz, 667 MHz bus)  
CPU MHz: 3333  
FPU: Integrated  
CPU(s) enabled: 4 cores, 4 chips, 1 core/chip (Hyper-Threading Technology enabled)  
CPU(s) orderable: 1,2,4  
Parallel: No  
Primary Cache: 12k micro-ops I + 16KBD on chip  
Secondary Cache: 1024KB(I+D) on chip  
L3 Cache: 8 MB  
Other Cache: N/A  
Memory: 16x1024 MB DDRII-RAM PC2-3200R  
Disk Subsystem: Fujitsu MAS3367NC (SCSI U320 15 krpm)  
Other Hardware:

### Software

Operating System: Windows Server 2003 Enterprise Edition  
Compiler: Intel C++ and Fortran Compiler 8.1 Build 20050405  
Microsoft Visual Studio .Net 2003 7.1.3088 (for libraries)  
SmartHeap Library Version 6.03a from http://www.microquill.com  
File System: NTFS  
System State: default

## Notes/Tuning Information

### GENERAL

+FDO: PASS1= -Qprof\_gen PASS2=-Qprof\_use

### Portability flags

178.galgel: -FI /F32000000

### Base tuning flags

-fast -Qansi\_alias +FDO shlw32M.lib

### Peak tuning flags

same as baseline (basepeak=yes set globally)

The system bus runs at 667 MHz

This result was measured with 32-bit binaries using the 32-bit version of the operating system.



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## Notes/Tuning Information (Continued)

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