



# CFP2000 Result

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Fujitsu Siemens Computers  
PRIMERGY TX200 S2, 64-bit Intel Xeon 3.40 GHz

SPECfp\_rate2000 = 19.3  
SPECfp\_rate\_base2000 = 19.3

SPEC license #: 22 Tested by: Fujitsu Siemens Computers Test date: May-2005 Hardware Avail: Mar-2005 Software Avail: Mar-2005

| Benchmark    | Base Copies | Base Runtime | Base Ratio | Copies | Runtime | Ratio |
|--------------|-------------|--------------|------------|--------|---------|-------|
| 168.wupwise  | 1           | 67.7         | 27.4       | 1      | 67.7    | 27.4  |
| 171.swim     | 1           | 148          | 24.3       | 1      | 148     | 24.3  |
| 172.mgrid    | 1           | 128          | 16.4       | 1      | 128     | 16.4  |
| 173.applu    | 1           | 151          | 16.2       | 1      | 151     | 16.2  |
| 177.mesa     | 1           | 95.4         | 17.0       | 1      | 95.4    | 17.0  |
| 178.galgel   | 1           | 87.6         | 38.4       | 1      | 87.6    | 38.4  |
| 179.art      | 1           | 68.5         | 44.0       | 1      | 68.5    | 44.0  |
| 183.quake    | 1           | 59.6         | 25.3       | 1      | 59.6    | 25.3  |
| 187.facerec  | 1           | 113          | 19.5       | 1      | 113     | 19.5  |
| 188.amp      | 1           | 217          | 11.8       | 1      | 217     | 11.8  |
| 189.lucas    | 1           | 105          | 22.2       | 1      | 105     | 22.2  |
| 191.fma3d    | 1           | 156          | 15.6       | 1      | 156     | 15.6  |
| 200.sixtrack | 1           | 179          | 7.13       | 1      | 179     | 7.13  |
| 301.apsi     | 1           | 213          | 14.2       | 1      | 213     | 14.2  |

### Hardware

CPU: 64-bit Intel Xeon (3.40 GHz, 800 MHz bus)  
CPU MHz: 3400  
FPU: Integrated  
CPU(s) enabled: 1 core, 1 chip, 1 core/chip (Hyper-Threading Technology disabled)  
CPU(s) orderable: 1,2  
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: 4x1024 MB DDR-RAM PC-2700R  
Disk Subsystem: Fujitsu MAS3184NC (SCSI U320 15 krpm)  
Other Hardware:

### Software

Operating System: Windows Server 2003 Enterprise Edition + SP1  
Compiler: Intel C/C++ Compiler 8.1 (20050405Z) for 32-bit applications  
Intel Fortran Compiler 8.1 (20050405Z) for 32-bit applications  
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 800 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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