



# CFP2000 Result

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**Fujitsu Siemens Computers**  
PRIMERGY RX300 S2, 64-bit Intel Xeon processor 3.60 GHz

SPECfp2000 = 1802  
SPECfp\_base2000 = 1802

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
168.wupwise	1600	61.8	2589	61.8	2589	
171.swim	3100	135	2298	135	2298	
172.mgrid	1800	119	1510	119	1510	
173.applu	2100	140	1498	140	1498	
177.mesa	1400	90.0	1556	90.0	1556	
178.galgel	2900	82.1	3531	82.1	3531	
179.art	2600	62.3	4175	62.3	4175	
183.quake	1300	54.6	2379	54.6	2379	
187.facerec	1900	104	1821	104	1821	
188.amp	2200	197	1119	197	1119	
189.lucas	2000	96.9	2065	96.9	2065	
191.fma3d	2100	145	1451	145	1451	
200.sixtrack	1100	169	649	169	649	
301.apsi	2600	198	1310	198	1310	

### Hardware

CPU: 64-bit Intel Xeon processor (3.60 GHz, 800 MHz bus)  
CPU MHz: 3600  
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: 8x512 MB DDRII-RAM PC2-3200R  
Disk Subsystem: Fujitsu MAS3367NC (SCSI U320 15 krpm)  
Other Hardware:

### Software

Operating System: Windows Server 2003 Enterprise Edition + SP1  
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 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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