



# CFP2000 Result

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**Fujitsu Siemens Computers**  
PRIMERGY BX620 S2, 64-bit Intel Xeon 3.60 GHz

SPECfp\_rate2000 = 32.2  
SPECfp\_rate\_base2000 = 32.2

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  | 2           | 71.5         | 51.9       | 2      | 71.5    | 51.9  |
| 171.swim     | 2           | 267          | 27.0       | 2      | 267     | 27.0  |
| 172.mgrid    | 2           | 175          | 23.8       | 2      | 175     | 23.8  |
| 173.applu    | 2           | 212          | 23.0       | 2      | 212     | 23.0  |
| 177.mesa     | 2           | 90.2         | 36.0       | 2      | 90.2    | 36.0  |
| 178.galgel   | 2           | 94.1         | 71.5       | 2      | 94.1    | 71.5  |
| 179.art      | 2           | 82.2         | 73.4       | 2      | 82.2    | 73.4  |
| 183.quake    | 2           | 78.6         | 38.4       | 2      | 78.6    | 38.4  |
| 187.facerec  | 2           | 122          | 36.0       | 2      | 122     | 36.0  |
| 188.amp      | 2           | 205          | 24.9       | 2      | 205     | 24.9  |
| 189.lucas    | 2           | 178          | 26.0       | 2      | 178     | 26.0  |
| 191.fma3d    | 2           | 199          | 24.5       | 2      | 199     | 24.5  |
| 200.sixtrack | 2           | 170          | 15.1       | 2      | 170     | 15.1  |
| 301.apsi     | 2           | 228          | 26.5       | 2      | 228     | 26.5  |

### Hardware

CPU: 64-bit Intel Xeon (3.60 GHz, 800 MHz bus)  
CPU MHz: 3600  
FPU: Integrated  
CPU(s) enabled: 2 cores, 2 chips, 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: 4x2048 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/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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