



# CFP2000 Result

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Dell  
PowerEdge 1750 (3.06 GHz Xeon)

SPECfp\_rate2000 = 12.1  
SPECfp\_rate\_base2000 = 11.9

SPEC license #: 55 | Tested by: Dell, Round Rock, TX | Test date: Jun-2003 | Hardware Avail: Jul-2003 | Software Avail: Apr-2003

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	1	112	16.6	1	111	16.7
171.swim	1	197	18.3	1	197	18.3
172.mgrid	1	184	11.3	1	184	11.4
173.applu	1	204	12.0	1	203	12.0
177.mesa	1	112	14.5	1	111	14.7
178.galgel	1	187	18.0	1	187	18.0
179.art	1	400	7.54	1	382	7.91
183.quake	1	116	13.0	1	110	13.7
187.facerec	1	142	15.5	1	139	15.9
188.amp	1	377	6.77	1	375	6.81
189.lucas	1	149	15.6	1	148	15.7
191.fma3d	1	191	12.7	1	191	12.7
200.sixtrack	1	198	6.44	1	193	6.60
301.apsi	1	354	8.53	1	353	8.53

### Hardware

CPU: Intel Pentium Xeon (533 MHz system bus)  
 CPU MHz: 3066  
 FPU: Integrated  
 CPU(s) enabled: 1 core, 1 chip, 1 core/chip  
 CPU(s) orderable: 1,2  
 Parallel: No  
 Primary Cache: 12K(I) micro-ops + 8KB(D) on chip  
 Secondary Cache: 512KB(I+D) on chip  
 L3 Cache: N/A  
 Other Cache: N/A  
 Memory: 4 X 512MB DDR266  
 Disk Subsystem: 1 x 17GB Ultra3 Seagate SCSI  
 Other Hardware:

### Software

Operating System: Windows 2000 Server (SP2)  
 Compiler: Intel C++ Compiler 7.1 (20030402Z)  
 Intel Fortran Compiler 7.1 (20030402Z)  
 Microsoft Visual Studio .NET (7.0.9466)  
 File System: NTFS  
 System State: Default

## Notes/Tuning Information

```

PORTABILITY
 178.galgel: -FI /F32000000
FEEDBACK DIRECTED OPTIMIZATION
FDO: PASS1= -Qprof_gen PASS2=-Qprof_use
BASE TUNING
C/F77/F90: -Qipo -QxW -O3 +FDO
PEAK TUNING
168.wupwise: -Qipo -QxW -O3 +FDO
171.swim: -Qipo -QxW -O3 +FDO
172.mgrid: -Qipo -QaxW -O3 +FDO
173.applu: -Qipo -QxW -O3 -Qscalar_rep- -Qauto +FDO
177.mesa: PASS1= -Qprof_gen PASS2= -Qipo -Qprof_use -QxW -O3 -Oa
178.galgel: -Qipo -QxW -O3 +FDO
179.art: -Oa -Qipo -Qunroll4 -Zp4
183.quake: -QxW -Oa -Qrcd -Qipo +FDO
187.facerec: -O3 -QaxW -Qipo -Qunroll11 -Qscalar_rep- +FDO
188.amp: -Oa -QxW

```



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## Notes/Tuning Information (Continued)

```
189.lucas: -Qipo -QaxW
191.fma3d:  basepeak=yes
200.sixtrack: -Qipo -QxW +FDO
301.apsi: -Qipo -QxW -O3 +FDO
ONESTEP=YES is set for all benchmarks
```