



CFP2000 Result

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Dell
PowerEdge 1750 (3.06 GHz Xeon)

SPECfp2000 = 1044

SPECfp_base2000 = 1030

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
168.wupwise	1600	112	1435	111	1438	
171.swim	3100	197	1575	197	1575	
172.mgrid	1800	184	976	184	979	
173.applu	2100	204	1031	203	1034	
177.mesa	1400	112	1249	111	1265	
178.galgel	2900	187	1551	187	1554	
179.art	2600	400	650	382	681	
183.quake	1300	116	1123	110	1185	
187.facerec	1900	142	1333	139	1367	
188.ampm	2200	377	584	375	587	
189.lucas	2000	149	1345	148	1354	
191.fma3d	2100	191	1098	191	1098	
200.sixtrack	1100	198	555	193	569	
301.apsi	2600	354	735	353	736	

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.ampm: -Oa -QxW



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Notes/Tuning Information (Continued)

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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
```