



CFP2000 Result

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Dell
Precision Workstation 360 (2.4 GHz P4, DDR400)

SPECfp2000 = 1111
SPECfp_base2000 = 1092

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
168.wupwise	1600	115	1388	115	1390	
171.swim	3100	152	2033	152	2034	
172.mgrid	1800	175	1026	175	1027	
173.applu	2100	182	1151	183	1147	
177.mesa	1400	141	990	140	1003	
178.galgel	2900	157	1844	157	1847	
179.art	2600	291	894	277	939	
183.quake	1300	97.7	1331	89.0	1460	
187.facerec	1900	144	1321	139	1365	
188.amp	2200	331	664	329	668	
189.lucas	2000	137	1457	135	1482	
191.fma3d	2100	195	1079	195	1079	
200.sixtrack	1100	245	448	240	459	
301.apsi	2600	339	767	339	767	

Hardware

CPU: Intel Pentium 4 (800 MHz system bus)
CPU MHz: 2400
FPU: Integrated
CPU(s) enabled: 1 core, 1 chip, 1 core/chip
CPU(s) orderable: 1
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 ECC DDR400 SDRAM
Disk Subsystem: 1 x 80GB ATA/100 7200 RPM
Other Hardware:

Software

Operating System: Windows XP Professional SP1
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

ONESTEP=YES

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: -Qipo -QxW -O3 -Oa +FDO

178.galgel: -Qipo -QxW -O3 +FDO

179.art: -Oa -Qipo -Qunroll4 -Zp4

183.quake: -Qipo -QxW -Oa -Qrcd +FDO

187.facerec: -O3 -QaxW -Qipo -Qunroll1 -Qscalar_rep- +FDO



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Notes/Tuning Information (Continued)

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188. ammp: -Oa -QxW
189. lucas: -Qipo -QaxW
191. fma3d: basepeak=yes
200. sixtrack: -Qipo -QxW +FDO
301. apsi: -Qipo -QxW -O3 +FDO
```