



CFP2000 Result

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Dell
Precision Workstation 360 (3.0 GHz P4, DDR333)

SPECfp2000 = 1137
SPECfp_base2000 = 1122

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	102	1570	102	1561	
171.swim	3100	186	1666	186	1668	
172.mgrid	1800	167	1080	167	1078	
173.applu	2100	185	1133	185	1133	
177.mesa	1400	114	1229	112	1247	
178.galgel	2900	159	1820	159	1819	
179.art	2600	342	759	326	798	
183.quake	1300	96.2	1352	91.0	1429	
187.facerec	1900	131	1446	128	1487	
188.amp	2200	329	669	327	672	
189.lucas	2000	145	1378	143	1394	
191.fma3d	2100	178	1183	178	1183	
200.sixtrack	1100	198	555	194	568	
301.apsi	2600	332	782	332	782	

Hardware

CPU: Intel Pentium 4 (800 MHz system bus)
CPU MHz: 3000
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 non-ECC DDR333 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)

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