



CFP2000 Result

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Dell
Precision Workstation 360 (2.6 GHz P4, DDR400)

SPECfp2000 = **1160**
SPECfp_base2000 = **1141**

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	109	1469	109	1470	
171.swim	3100	152	2043	152	2038	
172.mgrid	1800	165	1088	165	1089	
173.applu	2100	175	1198	176	1193	
177.mesa	1400	131	1071	129	1085	
178.galgel	2900	152	1910	152	1909	
179.art	2600	290	895	274	947	
183.quake	1300	94.1	1382	86.4	1505	
187.facerec	1900	136	1396	132	1441	
188.amp	2200	320	687	318	691	
189.lucas	2000	133	1508	130	1535	
191.fma3d	2100	184	1141	184	1141	
200.sixtrack	1100	227	485	222	496	
301.apsi	2600	325	801	324	802	

Hardware

CPU: Intel Pentium 4 (800 MHz system bus)
 CPU MHz: 2600
 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 -Qunroll11 -Qscalar_rep- +FDO



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Dell
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SPECfp2000 = 1160

SPECfp_base2000 = 1141

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

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