



CFP2000 Result

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Dell
Precision WorkStation 530 (2.2 GHz Xeon)

SPECfp2000 = **795**
SPECfp_base2000 = **790**

SPEC license #: 55 | Tested by: Dell, Round Rock, TX | Test date: Sep-2002 | Hardware Avail: Jan-2002 | Software Avail: Jun-2002

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	500 1000 1500 2000			
168.wupwise	1600	159	1007	152	1052	[Bar chart showing ratio 1052]			
171.swim	3100	233	1332	233	1332	[Bar chart showing ratio 1332]			
172.mgrid	1800	240	751	240	751	[Bar chart showing ratio 751]			
173.applu	2100	254	827	250	841	[Bar chart showing ratio 841]			
177.mesa	1400	166	842	165	846	[Bar chart showing ratio 846]			
178.galgel	2900	260	1114	260	1114	[Bar chart showing ratio 1114]			
179.art	2600	476	546	475	547	[Bar chart showing ratio 547]			
183.quake	1300	138	943	146	892	[Bar chart showing ratio 892]			
187.facerec	1900	193	984	193	984	[Bar chart showing ratio 984]			
188.amp	2200	469	469	468	471	[Bar chart showing ratio 471]			
189.lucas	2000	183	1093	176	1136	[Bar chart showing ratio 1136]			
191.fma3d	2100	271	775	271	775	[Bar chart showing ratio 775]			
200.sixtrack	1100	283	389	273	403	[Bar chart showing ratio 403]			
301.apsi	2600	434	599	430	604	[Bar chart showing ratio 604]			

Hardware

CPU: Intel Xeon (400 MHz system bus)
 CPU MHz: 2200
 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: 2 x 256MB PC800-45 ECC RDRAM
 Disk Subsystem: 1 x 18GB Fujitsu Limited 10K U160
 Other Hardware:

Software

Operating System: Windows XP Professional
 Compiler: Intel C++ and Fortran Compiler 6.0 (020423Z)
 Microsoft Visual Studio .NET (7.0.9466)
 MicroQuill SmartHeap Library 6.01
 File System: NTFS
 System State: Default

Notes/Tuning Information

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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 +FDO
  171.swim: -Qipo -QxW -O3 +FDO
  172.mgrid: -Qipo -QaxW -O3 +FDO
  173.applu: -Qipo -QxW -O3 -Qscalar_rep- +FDO
  177.mesa: -Qipo -QxW -O3 -Oa +FDO
  178.galgel: -Qipo -QxW -O3 +FDO
  179.art: -Qipo -QxW -O3 -Oa +FDO
  183.quake: -Qipo -QxW -O3 -Oa +FDO shlw32M.lib
  187.facerec: -Qipo -QxW -O3 +FDO
  188.amp: -Qipo -QxW -O3 -Oa +FDO

```



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Notes/Tuning Information (Continued)

189.lucas: -Qipo -QaxW
191.fma3d: -Qipo -QxW -O3 +FDO
200.sixtrack: -Qipo -QxW +FDO
301.apsi: -Qipo -QxW +FDO
EXTRA LIBRARIES
shlw32M.lib: MicroQuill SmartHeap Library 6.01
www.microquill.com