CFP2000 Result

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Dell

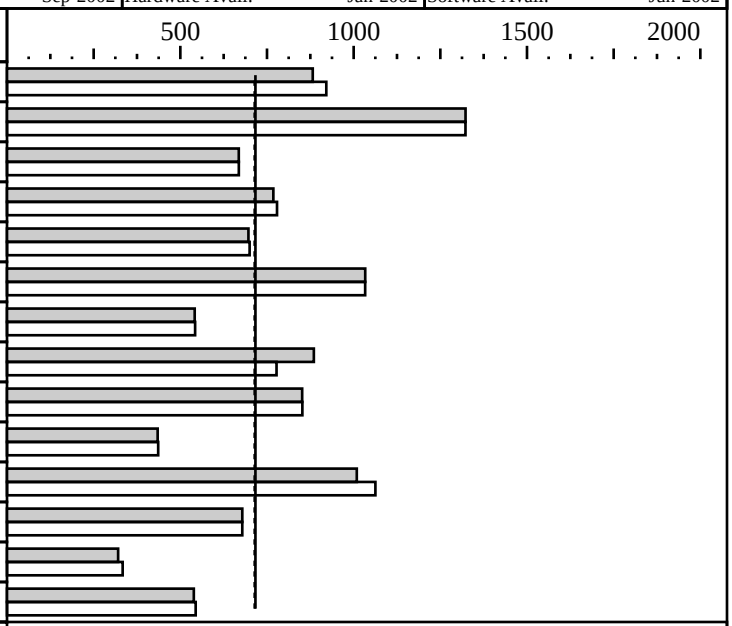
Precision WorkStation 530 (1.8 GHz Xeon)

SPECfp2000 = 717

SPECfp_base2000 = 715

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
168.wupwise	1600	181	882	174	921
171.swim	3100	234	1323	234	1323
172.mgrid	1800	269	669	269	669
173.applu	2100	273	768	270	779
177.mesa	1400	201	696	200	700
178.galgel	2900	281	1033	281	1033
179.art	2600	480	541	479	543
183.equake	1300	147	885	167	778
187.facerec	1900	223	851	223	852
188.ammp	2200	506	435	504	436
189.lucas	2000	198	1009	188	1063
191.fma3d	2100	309	679	309	679
200.sixtrack	1100	343	321	330	334
301.apsi	2600	482	539	478	544



Hardware

CPU:	Intel Xeon (400 MHz system bus)
CPU MHz:	1800
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 Fortan 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

```
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.equake:   -Qipo -QxW -O3 -Oa +FDO shlW32M.lib
  187.facerec:  -Qipo -QxW -O3 +FDO
  188.ammp:     -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
```