CFP2000 Result

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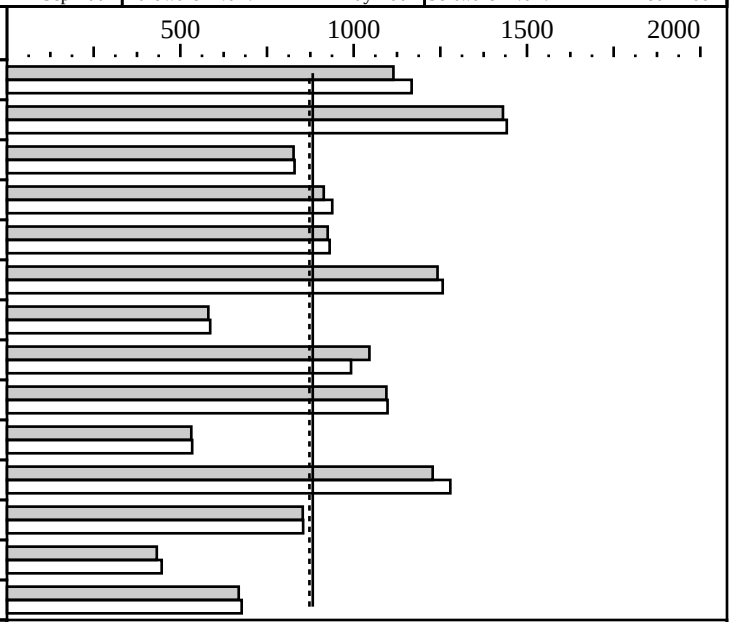
Dell
Precision WorkStation 340 (2.4 GHz P4)

SPECfp2000 = 882

SPECfp_base2000 = 872

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	144	1115	137	1167
171.swim	3100	217	1431	215	1442
172.mgrid	1800	218	827	217	830
173.applu	2100	230	914	224	938
177.mesa	1400	151	925	150	931
178.galgel	2900	234	1242	231	1257
179.art	2600	448	581	444	586
183.equake	1300	124	1045	131	992
187.facerec	1900	174	1094	173	1098
188.ammp	2200	414	532	412	534
189.lucas	2000	163	1228	156	1279
191.fma3d	2100	246	853	246	854
200.sixtrack	1100	255	432	247	446
301.apsi	2600	389	668	384	677



Hardware

CPU:	Intel Pentium 4 (533 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:	2 x 256MB PC800-40 ECC RDRAM
Disk Subsystem:	1 x 10GB Maxtor 7.2K ATA/100
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
```