CFP2000 Result

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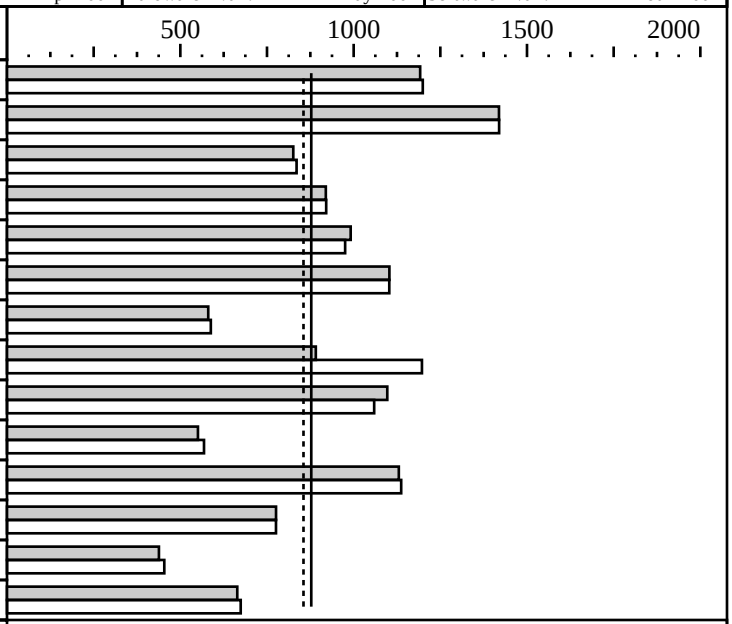
Dell
Precision WorkStation 340 (2.4 GHz P4)

SPECfp2000 = 878

SPECfp_base2000 = 855

SPEC license #: 55 | Tested by: Dell, Round Rock, TX | Test date: Apr-2002 | Hardware Avail: May-2002 | Software Avail: Jun-2001

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	134	1192	133	1199
171.swim	3100	218	1419	218	1420
172.mgrid	1800	218	826	215	835
173.applu	2100	228	920	228	921
177.mesa	1400	141	991	144	975
178.galgel	2900	263	1103	263	1103
179.art	2600	448	581	442	588
183.equake	1300	146	891	109	1197
187.facerec	1900	173	1097	179	1059
188.ammp	2200	399	551	387	568
189.lucas	2000	177	1130	176	1137
191.fma3d	2100	271	776	271	776
200.sixtrack	1100	251	438	242	454
301.apsi	2600	391	664	386	674



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 128MB PC800 ECC RDRAM
Disk Subsystem:	1 x 10GB Maxtor 7.2K ATA/5
Other Hardware:	

Software

Operating System:	Windows 2000 Professional (SP2)
Compiler:	Intel C++ and Fortran Compiler 5.0.1 (020125Z) Microsoft Visual C++ 6.0 (SP5) MicroQuill SmartHeap Library 5.0
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 +FDO /QxW /O3
PEAK TUNING
  168.wupwise:  /Qipo +FDO /QxW /Qprefetch
  171.swim:     /Qipo +FDO /QxW /O3
  172.mgrid:    /Qipo +FDO /QaxW /O3
  173.applu:    /Qipo +FDO /QxW /O3 /Qscalar_rep- /Qauto
  177.mesa:     -Qwp_ipo +FDO -QxW -Qunroll0
  178.galgel:   /Qipo +FDO /QxW /O3
  179.art:      -Qipo +FDO -QxW -O3 shlW32M.lib
  183.equake:   -Qwp_ipo +FDO -QxW -Oa shlW32M.lib
  187.facerec:  /Qipo +FDO /QxW /O3 shlW32M.lib
  188.ammp:     -Qipo +FDO -QaxW -Oa
```

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Notes/Tuning Information (Continued)

```
    189.lucas:    /Qipo /QxW /Qunroll0
    191.fma3d:    /Qipo +FDO /QxW /O3
    200.sixtrack: /Qipo +FDO /QxW
    301.apsi:     /Qipo /QxW /O3
  EXTRA LIBRARIES
    shlW32M.lib:  MicroQuill SmartHeap Library 5.0
                  www.microquill.com
  LIBRARY ORDERING
    187.facerec:  libIEPCF90.lib libintrins.lib libF90.lib libqwin.lib
                  libm.lib shlW32M.lib LIBC.lib libirc.lib OLDNAMES.lib
```