CFP2000 Result

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Dell

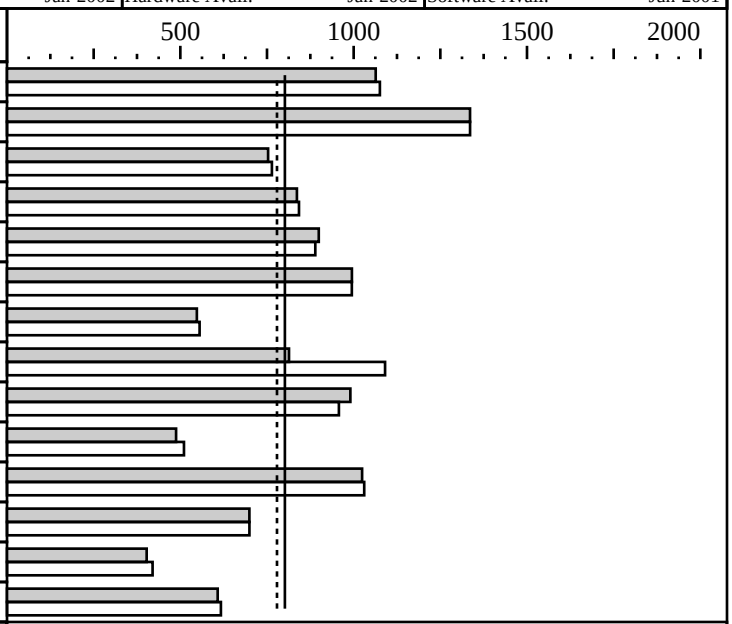
Precision WorkStation 530 (2.2 GHz Xeon)

SPECfp2000 = 802

SPECfp_base2000 = 779

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	150	1064	149	1076
171.swim	3100	232	1336	232	1336
172.mgrid	1800	239	753	236	764
173.applu	2100	251	836	249	842
177.mesa	1400	156	899	157	889
178.galgel	2900	291	995	292	995
179.art	2600	475	548	468	556
183.equake	1300	160	813	119	1091
187.facerec	1900	192	990	198	957
188.ammp	2200	451	488	431	510
189.lucas	2000	195	1024	194	1030
191.fma3d	2100	300	699	300	699
200.sixtrack	1100	273	403	262	420
301.apsi	2600	428	608	421	617



Hardware

CPU:	Intel Xeon
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 128MB PC800 ECC RDRAM
Disk Subsystem:	1 x 9GB Fujitsu 10K U160
Other Hardware:	

Software

Operating System:	Windows 2000 Professional (SP2)
Compiler:	Intel C++ and Fortan Compiler 5.0.1 (010727Z) 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
```