CFP2000 Result

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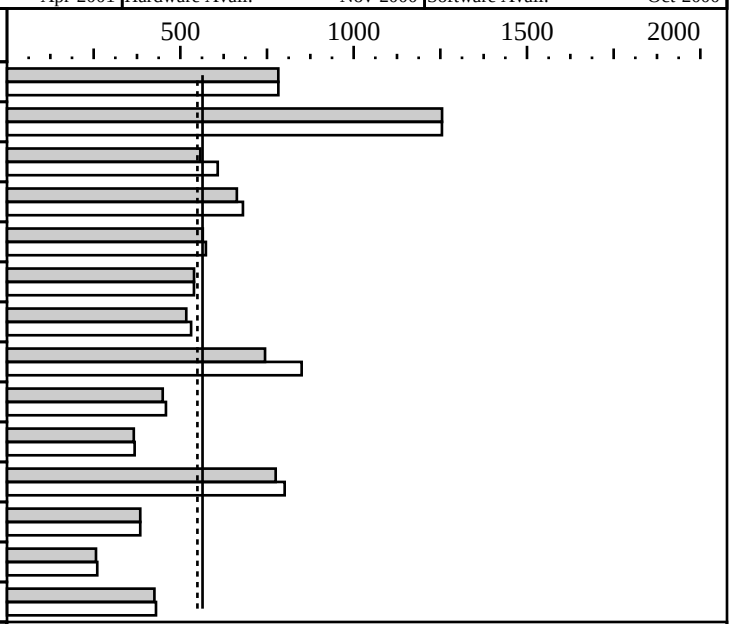
Dell
Precision WorkStation 330 (1.50 GHz P4)

SPECfp2000 = 564

SPECfp_base2000 = 549

SPEC license #: 55 | Tested by: Dell, Round Rock, TX | Test date: Apr-2001 | Hardware Avail: Nov-2000 | Software Avail: Oct-2000

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	204	783	204	783
171.swim	3100	247	1255	247	1255
172.mgrid	1800	323	558	296	608
173.applu	2100	317	663	309	681
177.mesa	1400	248	565	244	574
178.galgel	2900	538	540	538	539
179.art	2600	503	517	490	531
183.equake	1300	175	744	153	850
187.facerec	1900	423	449	414	458
188.ammp	2200	602	366	598	368
189.lucas	2000	258	775	250	801
191.fma3d	2100	546	384	546	384
200.sixtrack	1100	428	257	423	260
301.apsi	2600	611	425	605	430



Hardware

CPU:	Intel Pentium 4
CPU MHz:	1500
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:	256KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	2 x 128MB PC800 ECC RDRAM
Disk Subsystem:	1 x 20GB Maxtor 7.2K ATA/5
Other Hardware:	

Software

Operating System:	Windows 2000 (SP1)
Compiler:	Intel C++ and Fortan Compiler 5.0 Build 001004 Microsoft Visual C++ 6.0 (for libraries) MicroQuill SmartHeap Library 5.0
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
PORTABILITY
  178.galgel:   -FI /F32000000
FEEDBACK-DIRECTED OPTIMIZATION
  FDO1:         PASS1= /Qprof_gen
  FDO2:         PASS1= /Qprof_gen  PASS2= /Qprof_use
BASE TUNING
  C/F77/F90:    -Qipo +FDO2 -QxW -O3
PEAK TUNING
  168.wupwise:  /Qipo +FDO2 /QxW /Qprefetch
  171.swim:     /Qipo +FDO2 /QxW /O3
  172.mgrid:    /Qipo +FDO2 /QaxW /O3
  173.applu:    /Qipo +FDO2 /QxW /O3 /Qscalar_rep- /Qauto
  177.mesa:     -Qwp_ipo +FDO2 -QxW -Qunroll0
  178.galgel:   /Qipo +FDO2 /QxW /O3
  179.art:      -Qipo +FDO2 -QxW -Oa shlW32M.lib
  183.equake:   -Qwp_ipo +FDO2 -QxW -Oa shlW32M.lib
  187.facerec:  /Qipo +FDO2 /QxW /O3 /Qauto shlW32M.lib
```

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Notes/Tuning Information (Continued)

```
    188.ammp:      -Qipo +FDO2 -QaxW -Oa
    189.lucas:     /Qipo +FDO1 /QxW /Qunroll0
    191.fma3d:     /Qipo +FDO2 /QxW /O3
    200.sixtrack: /Qipo +FDO2 /QaxW
    301.apsi:      /Qipo +FDO1 /QxW /O3
  EXTRA LIBRARIES
    shlW32M.lib:  MicroQuill SmartHeap Library 5.0
                  www.microquill.com
  LIBRARY ORDERING
    187.facerec:  libIEPCF90.lib libintrins.lib libF90.lib libqwind.lib
                  libm.lib shlW32M.lib LIBC.lib libirc.lib OLDNAMES.lib
```