CFP2000 Result

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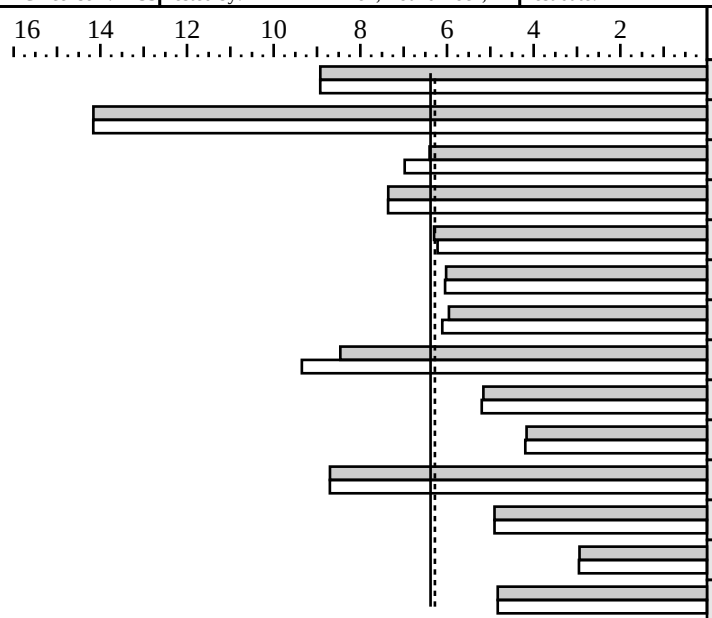
Dell

Precision WorkStation 330 (1.50 GHz P4)

SPECfp_rate2000 = 6.38

SPECfp_rate_base2000 = 6.28

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	416	8.92	2	416	8.92
171.swim	2	508	14.2	2	508	14.2
172.mgrid	2	652	6.40	2	599	6.98
173.applu	2	662	7.36	2	662	7.36
177.mesa	2	516	6.30	2	522	6.22
178.galgel	2	1118	6.02	2	1113	6.04
179.art	2	1013	5.96	2	987	6.11
183.equake	2	356	8.46	2	323	9.35
187.facerec	2	854	5.16	2	848	5.20
188.ammp	2	1226	4.16	2	1217	4.19
189.lucas	2	533	8.70	2	533	8.70
191.fma3d	2	994	4.90	2	994	4.90
200.sixtrack	2	867	2.94	2	864	2.95
301.apsi	2	1249	4.83	2	1249	4.83

Hardware

CPU:	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) uOps + 8KB(D) on chip
Secondary Cache:	256KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	2 x 256MB PC800 RDRAM
Disk Subsystem:	1 x 40GB Maxtor 7.2K ATA/5
Other Hardware:	

Software

Operating System:	Windows NT 4.0 (SP5)
Compiler:	Intel C and Fortran Compiler 5.0 for Windows NT Microsoft Visual C++ 6.0 (for libraries) MicroQuill SmartHeap Library 5.0
File System:	NTFS
System State:	Default

Notes/Tuning Information

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

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Notes/Tuning Information (Continued)

```
    189.lucas:     -Qipo -QxW  -O3 +FDO
    191.fma3d:     -Qipo -QxW  -O3 +FDO
    200.sixtrack: -Qipo -QxW  +FDO
    301.apsi:      -Qipo -QxW  -O3 +FDO
  LIBRARIES
    shlW32M.lib:  MicroQuill SmartHeap Library 5.0
                  www.microquill.com
    Library ordering for 187.facerec (include SmartHeap correctly with default
    libs):  LIBS=libIEPCF90.lib libintrins.lib libF90.lib libqwind.lib libm.lib
            shlW32M.lib LIBC.lib libirc.lib OLDNAMES.lib
```