CFP2000 Result

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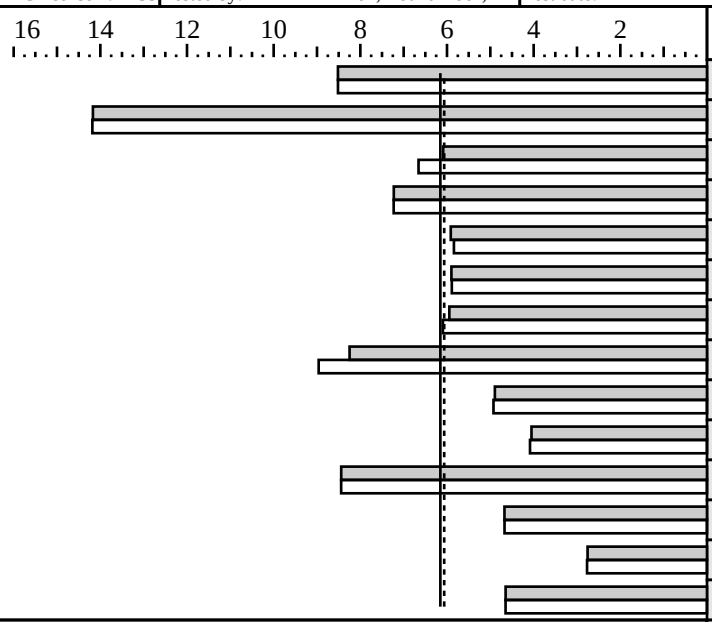
Dell

Precision WorkStation 330 (1.40 GHz P4)

SPECfp_rate2000 = 6.15

SPECfp_rate_base2000 = 6.06

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	436	8.52	2	436	8.52
171.swim	2	508	14.2	2	507	14.2
172.mgrid	2	686	6.09	2	627	6.66
173.applu	2	674	7.23	2	674	7.23
177.mesa	2	549	5.91	2	556	5.84
178.galgel	2	1141	5.90	2	1142	5.89
179.art	2	1014	5.95	2	990	6.10
183.equake	2	366	8.25	2	337	8.96
187.facerec	2	900	4.90	2	895	4.93
188.ammp	2	1260	4.05	2	1250	4.08
189.lucas	2	550	8.44	2	550	8.44
191.fma3d	2	1042	4.67	2	1043	4.67
200.sixtrack	2	926	2.76	2	922	2.77
301.apsi	2	1298	4.65	2	1298	4.65

Hardware

CPU:	Pentium 4
CPU MHz:	1400
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)

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  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
```