CFP2000 Result

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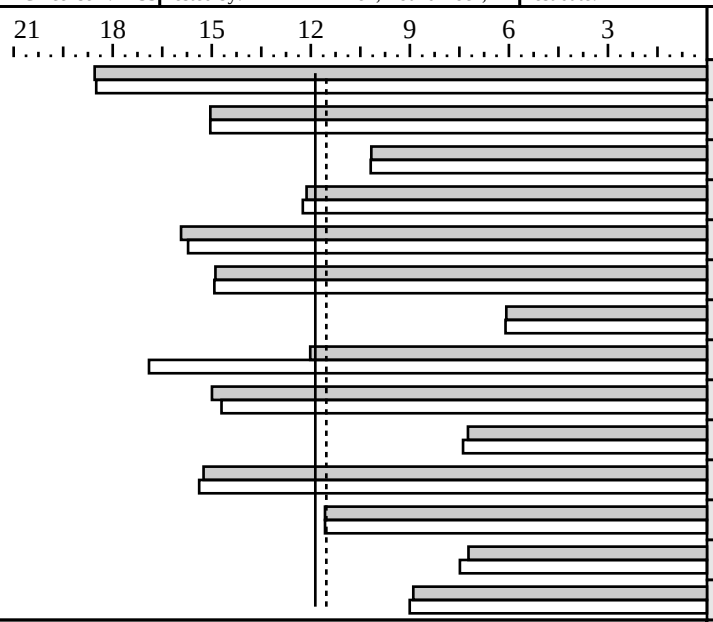
Dell

Precision WorkStation 530 (1.7 GHz Xeon)

SPECfp_rate2000 = 11.9

SPECfp_rate_base2000 = 11.5

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	200	18.5	2	201	18.5
171.swim	2	478	15.0	2	478	15.0
172.mgrid	2	411	10.2	2	410	10.2
173.applu	2	402	12.1	2	398	12.2
177.mesa	2	204	15.9	2	207	15.7
178.galgel	2	452	14.9	2	451	14.9
179.art	2	992	6.08	2	988	6.10
183.equake	2	251	12.0	2	178	16.9
187.facerec	2	294	15.0	2	300	14.7
188.ammp	2	705	7.24	2	691	7.39
189.lucas	2	304	15.2	2	302	15.4
191.fma3d	2	421	11.6	2	421	11.6
200.sixtrack	2	353	7.22	2	341	7.48
301.apsi	2	678	8.90	2	670	9.00

Hardware

CPU:	Intel Xeon
CPU MHz:	1700
FPU:	Integrated
CPU(s) enabled:	2 cores, 2 chips, 1 core/chip
CPU(s) orderable:	1, 2
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 256MB 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
```