CFP2000 Result

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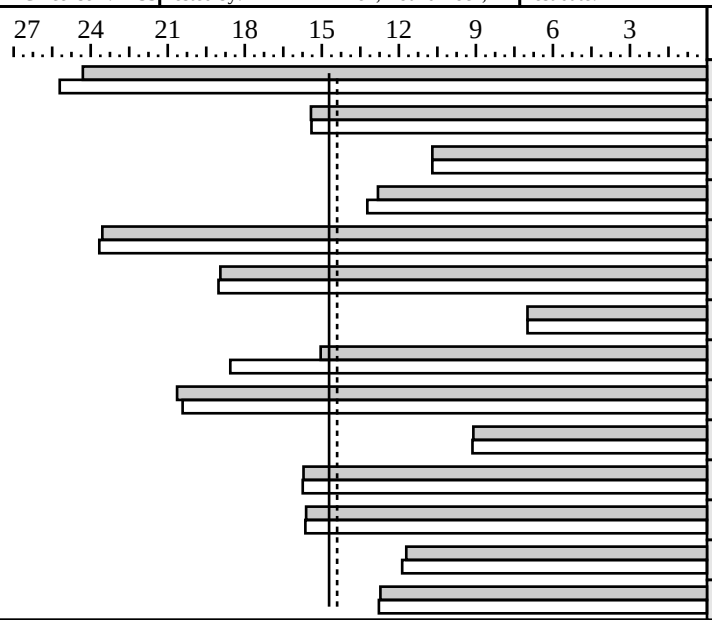
Dell

Precision WorkStation 530 (2.8 GHz Xeon)

SPECfp_rate2000 = 14.7

SPECfp_rate_base2000 = 14.4

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	153	24.3	2	147	25.2
171.swim	2	466	15.4	2	467	15.4
172.mgrid	2	390	10.7	2	390	10.7
173.applu	2	380	12.8	2	368	13.2
177.mesa	2	138	23.5	2	137	23.7
178.galgel	2	355	19.0	2	354	19.0
179.art	2	863	6.99	2	863	6.99
183.equake	2	200	15.0	2	162	18.6
187.facerec	2	214	20.6	2	216	20.4
188.ammp	2	561	9.10	2	559	9.13
189.lucas	2	295	15.7	2	295	15.7
191.fma3d	2	312	15.6	2	312	15.6
200.sixtrack	2	218	11.7	2	215	11.9
301.apsi	2	474	12.7	2	472	12.8

Hardware

CPU:	Intel Xeon (400 MHz system bus)
CPU MHz:	2800
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:	512KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	2 x 256MB PC800-45 ECC RDRAM
Disk Subsystem:	1 x 18GB Fujitsu Limited 10K U160
Other Hardware:	

Software

Operating System:	Windows XP Professional
Compiler:	Intel C++ and Fortan Compiler 6.0 (020423Z) Microsoft Visual Studio .NET (7.0.9466) MicroQuill SmartHeap Library 6.01
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 -QxW -O3 +FDO
PEAK TUNING
  168.wupwise:  -Qipo -QxW +FDO
  171.swim:     -Qipo -QxW -O3 +FDO
  172.mgrid:    -Qipo -QaxW -O3 +FDO
  173.applu:    -Qipo -QxW -O3 -Qscalar_rep- +FDO
  177.mesa:     -Qipo -QxW -O3 -Oa +FDO
  178.galgel:   -Qipo -QxW -O3 +FDO
  179.art:      -Qipo -QxW -O3 -Oa +FDO
  183.equake:   -Qipo -QxW -O3 -Oa +FDO shlW32M.lib
  187.facerec:  -Qipo -QxW -O3 +FDO
  188.ammp:     -Qipo -QxW -O3 -Oa +FDO
```

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Notes/Tuning Information (Continued)

```
    189.lucas:     -Qipo -QaxW
    191.fma3d:     -Qipo -QxW -O3 +FDO
    200.sixtrack: -Qipo -QxW +FDO
    301.apsi:      -Qipo -QxW +FDO
  EXTRA LIBRARIES
    shlW32M.lib:  MicroQuill SmartHeap Library 6.01
                  www.microquill.com
```