CFP2000 Result

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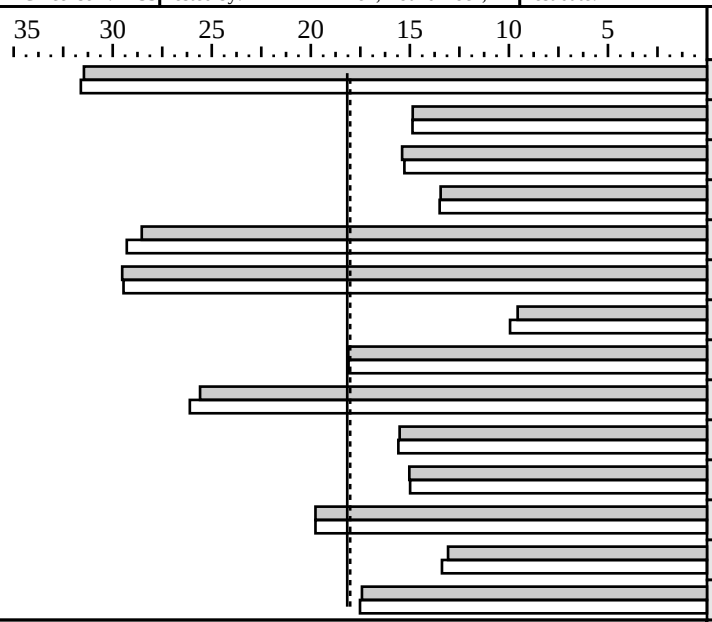
Dell

Precision Workstation 650 (3.06 GHz Xeon, 1MB L3 Cache)

SPECfp_rate2000 = 18.2

SPECfp_rate_base2000 = 18.0

SPEC license #: 55 | Tested by: Dell, Round Rock, TX | Test date: Jun-2003 | Hardware Avail: Jul-2003 | Software Avail: Apr-2003



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	118	31.5	2	117	31.6
171.swim	2	484	14.9	2	484	14.9
172.mgrid	2	271	15.4	2	273	15.3
173.applu	2	362	13.4	2	361	13.5
177.mesa	2	114	28.5	2	111	29.3
178.galgel	2	228	29.5	2	228	29.5
179.art	2	631	9.56	2	607	9.94
183.equake	2	167	18.1	2	167	18.1
187.facerec	2	172	25.6	2	169	26.1
188.ammp	2	329	15.5	2	328	15.6
189.lucas	2	309	15.0	2	310	15.0
191.fma3d	2	247	19.8	2	247	19.8
200.sixtrack	2	195	13.1	2	191	13.4
301.apsi	2	346	17.4	2	344	17.5

Hardware

CPU:	Intel Xeon (533 MHz system bus)
CPU MHz:	3066
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:	1024KB
Other Cache:	N/A
Memory:	4 x 512MB PC2100 CL2-2-2 DDR ECC SDRAM
Disk Subsystem:	1 x 36GB 10K U320 SCSI
Other Hardware:	

Software

Operating System:	Windows XP Professional SP1
Compiler:	Intel C++ Compiler 7.1 (20030402Z) Intel Fortran Compiler 7.1 (20030402Z) Microsoft Visual Studio .NET (7.0.9466)
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
PORTABILITY
  178.galgel:   -FI /F32000000
FEEDBACK DIRECTED OPTMIZATION
  ONESTEP=YES
  FDO:          PASS1=  -Qprof_gen  PASS2=-Qprof_use
BASE TUNING
  C/F77/F90:    -Qipo -QxW -O3 +FDO
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 -Qscalar_rep- -Qauto +FDO
  177.mesa:     -Qipo -QxW  -O3 -Oa +FDO
  178.galgel:   -Qipo -QxW  -O3 +FDO
  179.art:      -Oa -Qipo -Qunroll4 -Zp4
  183.equake:   -Qipo -QxW  -Oa -Qrcd +FDO
  187.facerec:  -O3 -QaxW -Qipo -Qunroll1 -Qscalar_rep- +FDO
```

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Notes/Tuning Information (Continued)

```
188.ammp:     -Oa -QxW
189.lucas:    -Qipo -QaxW
191.fma3d:    basepeak=yes
200.sixtrack: -Qipo -QxW  +FDO
301.apsi:     -Qipo -QxW  -O3 +FDO
```