CFP2000 Result

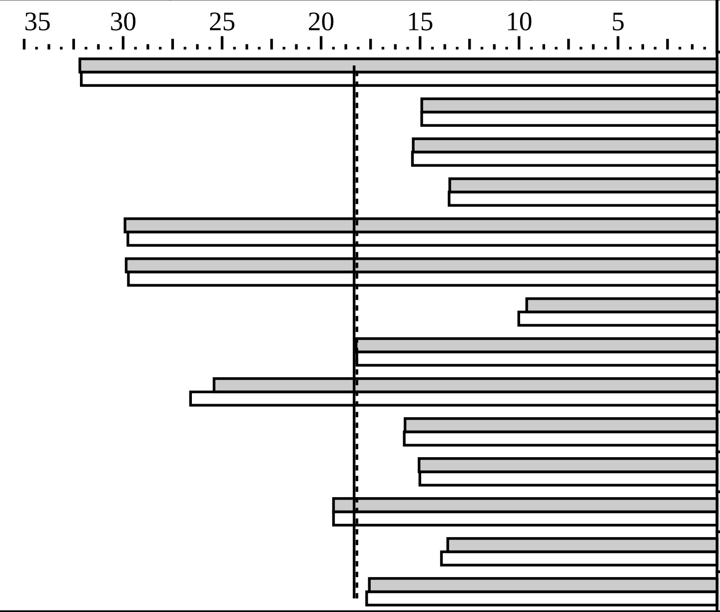
Dell

Precision Workstation 650 (3.2 GHz Xeon, 1MB L3 Cache)

SPECfp_rate2000 = 18.3

SPECfp_rate_base2000 = 18.2

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	115	32.2	2	116	32.1
171.swim	2	482	14.9	2	482	14.9
172.mgrid	2	272	15.3	2	271	15.4
173.applu	2	361	13.5	2	360	13.5
177.mesa	2	109	29.9	2	109	29.8
178.galgel	2	225	29.8	2	226	29.7
179.art	2	628	9.61	2	602	10.0
183.equake	2	165	18.2	2	166	18.2
187.facerec	2	174	25.4	2	166	26.6
188.ammp	2	324	15.8	2	323	15.8
189.lucas	2	308	15.1	2	309	15.0
191.fma3d	2	252	19.4	2	252	19.4
200.sixtrack	2	188	13.6	2	183	13.9
301.apsi	2	343	17.6	2	341	17.7

Hardware

CPU:	Intel Xeon (533 MHz system bus)
CPU MHz:	3200
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(I+D) on chip
Other Cache:	N/A
Memory:	4 x 512MB PC2100 ECC DDR SDRAM CL2-2-2
Disk Subsystem:	1 x 36GB 10K RPM 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
```