CFP2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

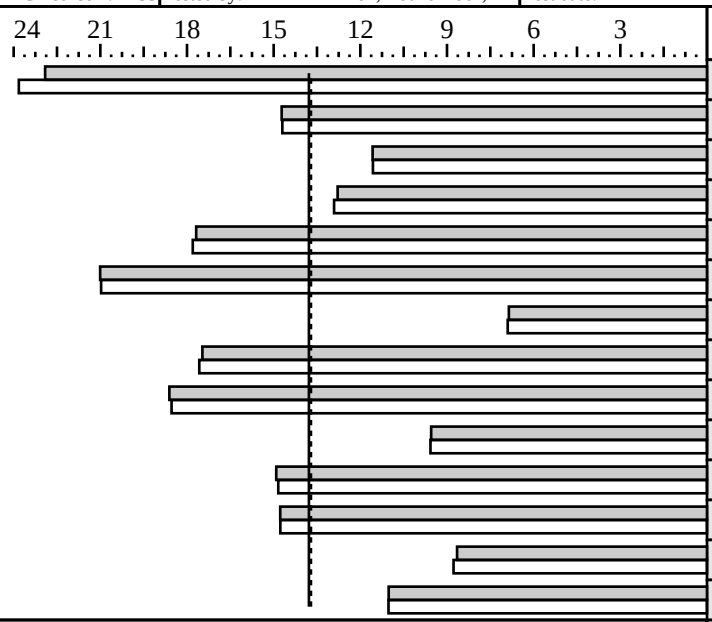
Dell

Precision WorkStation 650 (2.0 GHz Xeon)

SPECfp_rate2000 = 13.8

SPECfp_rate_base2000 = 13.7

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	162	22.9	2	156	23.8
171.swim	2	489	14.7	2	489	14.7
172.mgrid	2	361	11.6	2	361	11.6
173.applu	2	381	12.8	2	377	12.9
177.mesa	2	184	17.7	2	182	17.8
178.galgel	2	320	21.0	2	321	21.0
179.art	2	879	6.86	2	874	6.90
183.equake	2	173	17.5	2	172	17.6
187.facerec	2	237	18.6	2	238	18.5
188.ammp	2	535	9.55	2	533	9.57
189.lucas	2	311	14.9	2	313	14.8
191.fma3d	2	330	14.8	2	330	14.8
200.sixtrack	2	295	8.65	2	291	8.77
301.apsi	2	547	11.0	2	547	11.0

Hardware

CPU:	Intel Xeon (533 MHz system bus)
CPU MHz:	2000
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:	4 x 512MB PC2100 CL2-2-2 DDR ECC SDRAM
Disk Subsystem:	1 x 36GB Seagate 15K U320
Other Hardware:	

Software

Operating System:	Windows XP Professional (SP1)
Compiler:	Intel C++ and Fortran Compiler 6.0 (020613Z) 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
  187.facerec:  -Qipo -QxW -O3 +FDO
  188.ammp:     -Qipo -QxW -O3 -Oa +FDO
```

Copyright ©1999-2004, Standard Performance Evaluation Corporation

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
```