



CFP2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Dell
Precision WorkStation 650 (2.66 GHz Xeon)

SPECfp_rate2000 = 15.3
SPECfp_rate_base2000 = 15.2

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	136	27.3	2	130	28.5
171.swim	2	472	15.2	2	472	15.2
172.mgrid	2	348	12.0	2	349	12.0
173.applu	2	368	13.2	2	363	13.4
177.mesa	2	140	23.2	2	140	23.3
178.galgel	2	301	22.4	2	301	22.3
179.art	2	843	7.16	2	847	7.12
183.quake	2	166	18.2	2	165	18.2
187.facerec	2	203	21.8	2	203	21.7
188.amp	2	498	10.2	2	497	10.3
189.lucas	2	306	15.2	2	308	15.1
191.fma3d	2	273	17.9	2	283	17.2
200.sixtrack	2	223	11.4	2	220	11.6
301.apsi	2	505	11.9	2	505	12.0

Hardware

CPU: Intel Xeon (533 MHz system bus)
CPU MHz: 2666
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.quake: -Qipo -QxW -O3 -Oa +FDO
 187.facerec: -Qipo -QxW -O3 +FDO
 188.amp: -Qipo -QxW -O3 -Oa +FDO

```



CFP2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Dell
Precision WorkStation 650 (2.66 GHz Xeon)

SPECfp_rate2000 = 15.3

SPECfp_rate_base2000 = 15.2

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

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