



CFP2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Dell
Precision WorkStation 340 (2.53 GHz P4)

SPECfp2000 = 901
SPECfp_base2000 = 878

SPEC license #: 55 Tested by: Dell, Round Rock, TX Test date: May-2002 Hardware Avail: May-2002 Software Avail: Jun-2001

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
168.wupwise	1600	130	1234	129	1239	
171.swim	3100	218	1425	218	1425	
172.mgrid	1800	213	845	212	850	
173.applu	2100	224	939	223	940	
177.mesa	1400	134	1043	136	1026	
178.galgel	2900	256	1133	256	1132	
179.art	2600	444	586	439	593	
183.quake	1300	144	903	107	1220	
187.facerec	1900	168	1134	173	1096	
188.ampm	2200	391	563	379	580	
189.lucas	2000	173	1155	172	1161	
191.fma3d	2100	261	806	261	805	
200.sixtrack	1100	240	459	232	473	
301.apsi	2600	380	684	375	692	

Hardware

CPU: Intel Pentium 4 (533 MHz system bus)
CPU MHz: 2533
FPU: Integrated
CPU(s) enabled: 1 core, 1 chip, 1 core/chip
CPU(s) orderable: 1
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 128MB PC800 ECC RDRAM
Disk Subsystem: 1 x 10GB Maxtor 7.2K ATA/100
Other Hardware:

Software

Operating System: Windows 2000 Professional (SP2)
Compiler: Intel C++ and Fortran Compiler 5.0.1 (020125Z)
Microsoft Visual C++ 6.0 (SP5)
MicroQuill SmartHeap Library 5.0
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 +FDO /QxW /O3
PEAK TUNING
168.wupwise: /Qipo +FDO /QxW /Qprefetch
171.swim: /Qipo +FDO /QxW /O3
172.mgrid: /Qipo +FDO /QaxW /O3
173.applu: /Qipo +FDO /QxW /O3 /Qscalar_rep- /Qauto
177.mesa: -Qwp_ipo +FDO -QxW -Qunroll10
178.galgel: /Qipo +FDO /QxW /O3
179.art: -Qipo +FDO -QxW -O3 shlw32M.lib
183.quake: -Qwp_ipo +FDO -QxW -Oa shlw32M.lib
187.facerec: /Qipo +FDO /QxW /O3 shlw32M.lib
188.ampm: -Qipo +FDO -QaxW -Oa

```



CFP2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Dell Precision WorkStation 340 (2.53 GHz P4)	SPECfp2000 =	901
	SPECfp_base2000 =	878

SPEC license #: 55 | Tested by: Dell, Round Rock, TX | Test date: May-2002 | Hardware Avail: May-2002 | Software Avail: Jun-2001

Notes/Tuning Information (Continued)

```
189.lucas: /Qipo /QxW /Qunroll10
191.fma3d: /Qipo +FDO /QxW /O3
200.sixtrack: /Qipo +FDO /QxW
301.apsi: /Qipo /QxW /O3
EXTRA LIBRARIES
shlW32M.lib: MicroQuill SmartHeap Library 5.0
www.microquill.com
LIBRARY ORDERING
187.facerec: libIEPCF90.lib libintrins.lib libF90.lib libqwin.lib
libm.lib shlW32M.lib LIBC.lib libirc.lib OLDNAMES.lib
```