



CFP2000 Result

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

SPECfp_rate2000 = 13.6
SPECfp_rate_base2000 = 13.5

SPEC license #: 55 | Tested by: Dell Inc., Round Rock, TX | Test date: Jan-2004 | Hardware Avail: Feb-2004 | Software Avail: Dec-2003

							Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio	
24	21	18	15	12	9	6	3	168.wupwise	1	104	17.9	1	104	17.9
.....							171.swim	1	183	19.7	1	183	19.7	
.....							172.mgrid	1	168	12.4	1	168	12.4	
.....							173.applu	1	197	12.4	1	189	12.9	
.....							177.mesa	1	104	15.6	1	104	15.6	
.....							178.galgel	1	150	22.4	1	150	22.4	
.....							179.art	1	290	10.4	1	283	10.7	
.....							183.quake	1	99.6	15.1	1	99.1	15.2	
.....							187.facerec	1	135	16.3	1	132	16.7	
.....							188.amp	1	259	9.86	1	259	9.86	
.....							189.lucas	1	147	15.8	1	147	15.8	
.....							191.fma3d	1	191	12.7	1	191	12.7	
.....							200.sixtrack	1	189	6.77	1	189	6.77	
.....							301.apsi	1	283	10.7	1	283	10.7	

Hardware

CPU: Intel Xeon (533 MHz system bus)
 CPU MHz: 3066
 FPU: Integrated
 CPU(s) enabled: 1 core, 1 chip, 1 core/chip (Hyper-Threading Technology disabled)
 CPU(s) orderable: 2
 Parallel: No
 Primary Cache: 12K(I) micro-ops + 8KB(D) on chip
 Secondary Cache: 512KB(I+D) on chip
 L3 Cache: 1024(I+D) on chip
 Other Cache: N/A
 Memory: 4 x 512MB ECC CL2-2-2 PC2100 DDR SDRAM
 Disk Subsystem: 1 x 18GB U320 SCSI, 10K RPM
 Other Hardware:

Software

Operating System: Windows XP Professional SP1
 Compiler: Intel C/C++ Compiler 8.0 (20031229Z)
 Intel Fortran Compiler 8.0 (20031229Z)
 Microsoft Visual Studio .NET (7.0.9466)
 File System: NTFS
 System State: Default

Notes/Tuning Information

```

GENERAL
  ONESTEP=yes
  +FDO: PASS1=-Qprof_gen PASS2=-Qprof_use
PORTABILITY FLAGS
  178.galgel: -FI /F3200000
BASE TUNING
  C/F77/F90: -QxN -Qipo -O3 +FDO
PEAK TUNING
  168.wupwise: basepeak=yes
  171.swim: basepeak=yes
  172.mgrid: basepeak=yes
  173.applu: -QxN -Qipo -O3 -Qscalar_rep- -Qauto +FDO
  177.mesa: -QxN -Qipo -O3 -Oa +FDO
  178.galgel: basepeak=yes
  179.art: -Qipo -Oa -Qunroll4 -Zp4
  183.quake: -QxN -Qipo -O3 -Oa -Qrcd +FDO
  187.facerec: -QaxN -Qipo -O3 -Qunroll1 -Qscalar_rep- +FDO

```



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Notes/Tuning Information (Continued)

188.ammf: basepeak=yes
189.lucas: -QaxN -Qipo -O3
191.fma3d: basepeak=yes
200.sixtrack: basepeak=yes
301.apsi: basepeak=yes

NOTES
1 CPU Disabled in the BIOS.
Hyper-Threading Technology not enabled.