



CFP2000 Result

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

SPECfp_rate2000 = 18.7
SPECfp_rate_base2000 = 18.5

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
168.wupwise	2	119	31.2	2	119	31.2
171.swim	2	391	18.4	2	391	18.4
172.mgrid	2	264	15.8	2	264	15.8
173.applu	2	353	13.8	2	348	14.0
177.mesa	2	106	30.6	2	105	30.9
178.galgel	2	229	29.4	2	229	29.4
179.art	2	610	9.88	2	579	10.4
183.quake	2	163	18.5	2	164	18.4
187.facerec	2	167	26.4	2	165	26.7
188.amp	2	325	15.7	2	325	15.7
189.lucas	2	302	15.4	2	302	15.4
191.fma3d	2	259	18.8	2	259	18.8
200.sixtrack	2	189	13.5	2	189	13.5
301.apsi	2	355	17.0	2	355	17.0

Hardware

CPU: Intel Xeon (533 MHz system bus)
 CPU MHz: 3066
 FPU: Integrated
 CPU(s) enabled: 2 cores, 2 chips, 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.amm: basepeak=yes
189.lucas: -QaxN -Qipo -O3
191.fma3d: basepeak=yes
200.sixtrack: basepeak=yes
301.apsi: basepeak=yes

NOTES
Hyper-Threading Technology not enabled.