



CFP2000 Result

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Dell

Precision Workstation 690 (Intel Xeon processor 5130, 2.00 GHz)

SPECfp_rate2000 = 68.8

SPECfp_rate_base2000 = 68.8

SPEC license #: 55 | Tested by: Dell, Inc., Round Rock, TX | Test date: Jun-2006 | Hardware Avail: Jun-2006 | Software Avail: May-2006

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	4	74.5	99.7	4	74.5	99.7
171.swim	4	275	52.3	4	275	52.3
172.mgrid	4	194	43.0	4	194	43.0
173.applu	4	191	51.1	4	191	51.1
177.mesa	4	74.7	86.9	4	74.7	86.9
178.galgel	4	75.9	177	4	75.9	177
179.art	4	60.4	200	4	60.4	200
183.equake	4	94.9	63.5	4	94.9	63.5
187.facerec	4	105	84.0	4	105	84.0
188.amp	4	185	55.3	4	185	55.3
189.lucas	4	164	56.5	4	164	56.5
191.fma3d	4	195	50.0	4	195	50.0
200.sixtrack	4	140	36.5	4	140	36.5
301.apsi	4	241	50.0	4	241	50.0

Hardware

CPU: Intel Xeon processor 5130 (1333 MHz system bus)
CPU MHz: 2000
FPU: Integrated
CPU(s) enabled: 4 cores, 2 chips, 2 cores/chip
CPU(s) orderable: 1,2
Parallel: No
Primary Cache: 32KB(I) + 32KB(D) on chip, per core
Secondary Cache: 4096KB(I+D) on chip
L3 Cache: N/A
Other Cache: N/A
Memory: 8 x 1024MB 667MHz ECC CL5 FB-DIMM DDR2 SDRAM
Disk Subsystem: 1 x 73GB SAS 10K RPM
Other Hardware:

Software

Operating System: Windows XP Professional x64 Edition
Compiler: Intel C++ Compiler 9.1 for IA32(20060519Z)
Intel Fortran Compiler 9.1 for IA32(20060519Z)
Microsoft Visual Studio .NET 2003(7.1.3088)
MicroQuill SmartHeap Library 8.0
File System: NTFS
System State: Default

Notes/Tuning Information

GENERAL

ONESTEP=yes
+FDO: PASS1=-Qprof_gen PASS2=-Qprof_use

PORTABILITY

178.galgel: -FI /F32000000

BASE TUNING

FORTRAN: -fast -Qansi_alias +FDO
177.mesa: -fast +FDO shlW32M.lib
179.art: -fast +FDO shlW32M.lib
183.equake: -fast +FDO shlW32M.lib
188.amp: -fast +FDO shlW32M.lib

PEAK TUNING

basepeak=yes