



CFP2000 Result

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Dell

Precision Workstation 690 (Intel Xeon processor 5160, 3.00 GHz)

SPECfp_rate2000 = 43.9

SPECfp_rate_base2000 = 43.9

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	2	62.2	59.7	2	62.2	59.7
171.swim	2	236	30.4	2	236	30.4
172.mgrid	2	178	23.4	2	178	23.4
173.applu	2	156	31.3	2	156	31.3
177.mesa	2	50.5	64.3	2	50.5	64.3
178.galgel	2	52.6	128	2	52.6	128
179.art	2	47.4	127	2	47.4	127
183.equake	2	80.9	37.3	2	80.9	37.3
187.facerec	2	79.2	55.7	2	79.2	55.7
188.amp	2	136	37.6	2	136	37.6
189.lucas	2	136	34.2	2	136	34.2
191.fma3d	2	154	31.7	2	154	31.7
200.sixtrack	2	93.4	27.3	2	93.4	27.3
301.apsi	2	196	30.7	2	196	30.7

Hardware

CPU: Intel Xeon processor 5160 (1333 MHz system bus)
 CPU MHz: 3000
 FPU: Integrated
 CPU(s) enabled: 2 cores, 1 chip, 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