



CFP2000 Result

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Dell

Precision Workstation 690 (Intel Xeon processor 5110, 1.60 GHz)

SPECfp_rate2000 = 30.7

SPECfp_rate_base2000 = 30.7

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	81.2	45.7	2	81.2	45.7
171.swim	2	281	25.6	2	281	25.6
172.mgrid	2	201	20.7	2	201	20.7
173.applu	2	206	23.7	2	206	23.7
177.mesa	2	94.5	34.4	2	94.5	34.4
178.galgel	2	88.9	75.7	2	88.9	75.7
179.art	2	68.2	88.5	2	68.2	88.5
183.equake	2	96.7	31.2	2	96.7	31.2
187.facerec	2	123	35.8	2	123	35.8
188.amp	2	221	23.1	2	221	23.1
189.lucas	2	170	27.3	2	170	27.3
191.fma3d	2	210	23.2	2	210	23.2
200.sixtrack	2	174	14.7	2	174	14.7
301.apsi	2	292	20.6	2	292	20.6

Hardware

CPU: Intel Xeon processor 5110 (1066 MHz system bus)
CPU MHz: 1600
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 512MB 533MHz ECC CL4 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