



CFP2000 Result

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Dell

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

SPECfp_rate2000 = 56.9

SPECfp_rate_base2000 = 56.9

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	4	89.1	83.4	4	89.1	83.4
171.swim	4	325	44.2	4	325	44.2
172.mgrid	4	232	36.0	4	232	36.0
173.applu	4	229	42.6	4	229	42.6
177.mesa	4	94.7	68.6	4	94.7	68.6
178.galgel	4	91.5	147	4	91.5	147
179.art	4	72.5	166	4	72.5	166
183.equake	4	111	54.2	4	111	54.2
187.facerec	4	127	69.2	4	127	69.2
188.amp	4	230	44.3	4	230	44.3
189.lucas	4	201	46.2	4	201	46.2
191.fma3d	4	235	41.5	4	235	41.5
200.sixtrack	4	175	29.2	4	175	29.2
301.apsi	4	288	41.9	4	288	41.9

Hardware

CPU: Intel Xeon processor 5110 (1066 MHz system bus)
 CPU MHz: 1600
 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 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