



CFP2000 Result

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Dell

Precision Workstation 690 (Intel Xeon processor 5120, 1.86 GHz)

SPECfp2000 = 1887

SPECfp_base2000 = 1887

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
168.wupwise	1600	62.0	2581	62.0	2581	
171.swim	3100	145	2143	145	2143	
172.mgrid	1800	151	1195	151	1195	
173.applu	2100	138	1521	138	1521	
177.mesa	1400	80.0	1750	80.0	1750	
178.galgel	2900	65.0	4463	65.0	4463	
179.art	2600	40.0	6500	40.0	6500	
183.equake	1300	58.2	2233	58.2	2233	
187.facerec	1900	92.9	2044	92.9	2044	
188.amp	2200	165	1337	165	1337	
189.lucas	2000	103	1945	103	1945	
191.fma3d	2100	150	1398	150	1398	
200.sixtrack	1100	147	746	147	746	
301.apsi	2600	227	1145	227	1145	

Hardware

CPU: Intel Xeon processor 5120 (1066 MHz system bus)
 CPU MHz: 1866
 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