



CFP2000 Result

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Dell

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

SPECfp2000 = 2050

SPECfp_base2000 = 2050

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
168.wupwise	1600	56.2	2847	56.2	2847	
171.swim	3100	130	2381	130	2381	
172.mgrid	1800	139	1299	139	1299	
173.applu	2100	126	1672	126	1672	
177.mesa	1400	74.3	1884	74.3	1884	
178.galgel	2900	60.6	4782	60.6	4782	
179.art	2600	37.3	6962	37.3	6962	
183.equake	1300	53.0	2454	53.0	2454	
187.facerec	1900	86.6	2194	86.6	2194	
188.amp	2200	153	1442	153	1442	
189.lucas	2000	92.7	2158	92.7	2158	
191.fma3d	2100	138	1521	138	1521	
200.sixtrack	1100	138	800	138	800	
301.apsi	2600	212	1228	212	1228	

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