



CFP2000 Result

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Dell

Precision Workstation 690 (Intel® Xeon® processor 5080, 3.73 GHz)

SPECfp_rate2000 = --

SPECfp_rate_base2000 = 60.8

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	4	80.2	92.5			
171.swim	4	318	45.2			
172.mgrid	4	210	39.8			
173.applu	4	221	44.1			
177.mesa	4	86.9	74.8			
178.galgel	4	89.7	150			
179.art	4	81.9	147			
183.earthquake	4	106	57.1			
187.facerec	4	124	71.1			
188.amp	4	207	49.2			
189.lucas	4	211	44.0			
191.fma3d	4	196	49.7			
200.sixtrack	4	151	33.7			
301.apsi	4	231	52.3			

Hardware

CPU: Intel® Xeon® processor 5080 (1066 MHz system bus)
 CPU MHz: 3733
 FPU: Integrated
 CPU(s) enabled: 4 cores, 2 chips, 2 cores/chip (Hyper-Threading Technology disabled)
 CPU(s) orderable: 1,2
 Parallel: No
 Primary Cache: 12K(I) micro-ops + 16KB(D) on chip, per core
 Secondary Cache: 2048KB(I+D) on chip, per core
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 8 x 512MB 533MHz ECC CL4 DDR2 FB-DIMM
 Disk Subsystem: 1 x 73GB SAS 10K RPM
 Other Hardware:

Software

Operating System: Windows XP Professional SP2
 Compiler: Intel C/C++ Compiler 9.1 for IA32(20060323Z)
 Intel Fortran Compiler 9.1 for IA32(20060323Z)
 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.earthquake: -fast +FDO shlw32M.lib
 188.amp: -fast +FDO shlw32M.lib