



# CFP2000 Result

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## Dell

Precision Workstation 690 (Intel Xeon processor 5140, 2.33 GHz)

SPECfp\_rate2000 = 39.1

SPECfp\_rate\_base2000 = 39.1

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	67.0	55.4	2	67.0	55.4
171.swim	2	244	29.5	2	244	29.5
172.mgrid	2	180	23.2	2	180	23.2
173.applu	2	166	29.3	2	166	29.3
177.mesa	2	64.5	50.4	2	64.5	50.4
178.galgel	2	63.8	105	2	63.8	105
179.art	2	53.1	114	2	53.1	114
183.equake	2	84.3	35.8	2	84.3	35.8
187.facerec	2	93.4	47.2	2	93.4	47.2
188.amp	2	166	30.7	2	166	30.7
189.lucas	2	141	32.8	2	141	32.8
191.fma3d	2	165	29.4	2	165	29.4
200.sixtrack	2	120	21.3	2	120	21.3
301.apsi	2	223	27.0	2	223	27.0

### Hardware

CPU: Intel Xeon processor 5140 (1333 MHz system bus)  
 CPU MHz: 2333  
 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 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