



# CFP2000 Result

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## Dell

Precision Workstation 690 (Intel Xeon processor 5150, 2.66 GHz)

SPECfp\_rate2000 = 77.1

SPECfp\_rate\_base2000 = 77.1

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	4	70.8	105	4	70.8	105
171.swim	4	272	52.8	4	272	52.8
172.mgrid	4	203	41.1	4	203	41.1
173.applu	4	179	54.3	4	179	54.3
177.mesa	4	56.6	115	4	56.6	115
178.galgel	4	59.7	225	4	59.7	225
179.art	4	54.0	223	4	54.0	223
183.equake	4	93.2	64.7	4	93.2	64.7
187.facerec	4	90.0	98.0	4	90.0	98.0
188.amp	4	155	65.7	4	155	65.7
189.lucas	4	162	57.2	4	162	57.2
191.fma3d	4	177	55.1	4	177	55.1
200.sixtrack	4	106	48.3	4	106	48.3
301.apsi	4	209	57.7	4	209	57.7

### Hardware

CPU: Intel Xeon processor 5150 (1333 MHz system bus)  
CPU MHz: 2666  
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