



# CFP2000 Result

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## Dell

Precision Workstation 690 (Intel Xeon processor 5110, 1.60 GHz)

SPECfp2000 = 1694

SPECfp\_base2000 = 1694

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	65.9	2429	65.9	2429
171.swim	3100	147	2108	147	2108
172.mgrid	1800	169	1062	169	1062
173.applu	2100	149	1406	149	1406
177.mesa	1400	92.4	1516	92.4	1516
178.galgel	2900	75.6	3838	75.6	3838
179.art	2600	46.7	5573	46.7	5573
183.quake	1300	61.8	2105	61.8	2105
187.facerec	1900	106	1789	106	1789
188.amp	2200	189	1166	189	1166
189.lucas	2000	113	1770	113	1770
191.fma3d	2100	165	1272	165	1272
200.sixtrack	1100	172	640	172	640
301.apsi	2600	253	1026	253	1026

### Hardware

CPU: Intel Xeon processor 5110 (1066 MHz system bus)  
 CPU MHz: 1600  
 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.quake: -fast +FDO shlW32M.lib  
 188.amp: -fast +FDO shlW32M.lib

### PEAK TUNING

basepeak=yes