



# CFP2000 Result

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## Dell

Precision Workstation 690 (Intel Xeon processor 5120, 1.86 GHz)

SPECfp\_rate2000 = 60.8

SPECfp\_rate\_base2000 = 60.8

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	4	86.7	85.6	4	86.7	85.6
171.swim	4	324	44.3	4	324	44.3
172.mgrid	4	232	36.1	4	232	36.1
173.applu	4	222	43.9	4	222	43.9
177.mesa	4	80.8	80.4	4	80.8	80.4
178.galgel	4	81.3	166	4	81.3	166
179.art	4	67.8	178	4	67.8	178
183.equake	4	110	54.8	4	110	54.8
187.facerec	4	116	76.1	4	116	76.1
188.amp	4	203	50.2	4	203	50.2
189.lucas	4	198	46.9	4	198	46.9
191.fma3d	4	221	44.0	4	221	44.0
200.sixtrack	4	150	34.0	4	150	34.0
301.apsi	4	264	45.6	4	264	45.6

### Hardware

CPU: Intel Xeon processor 5120 (1066 MHz system bus)  
 CPU MHz: 1866  
 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.equake: -fast +FDO shlW32M.lib  
 188.amp: -fast +FDO shlW32M.lib

### PEAK TUNING

basepeak=yes