



# CFP2000 Result

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## Dell PowerEdge 840

SPECfp2000 = --  
SPECfp\_base2000 = 1785

SPEC license #: 55 Tested by: Dell, Inc., Round Rock, TX Test date: Jan-2007 Hardware Avail: Jan-2007 Software Avail: May-2006

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
168.wupwise	1600	47.0	3401			
171.swim	3100	134	2307			
172.mgrid	1800	133	1351			
173.aplu	2100	130	1609			
177.mesa	1400	112	1247			
178.galgel	2900	90.2	3216			
179.art	2600	59.0	4410			
183.quake	1300	48.5	2679			
187.facerec	1900	104	1823			
188.amp	2200	199	1108			
189.lucas	2000	103	1946			
191.fma3d	2100	146	1443			
200.sixtrack	1100	183	602			
301.apsi	2600	215	1207			

### Hardware

CPU: Intel Pentium D 925 (800MHz system bus)  
 CPU MHz: 3000  
 FPU: Integrated  
 CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip  
 CPU(s) orderable: 1  
 Parallel: No  
 Primary Cache: 12 K micro-ops I + 16 KB D on chip per core  
 Secondary Cache: 2048KB(I+D) on chip, per core  
 L3 Cache: N/A  
 Other Cache: N/A  
 Memory: 2 GB (4x512 MB 667MHz ECC DDR2 SDRAM)  
 Disk Subsystem: 1 x 73GB  
 Other Hardware:

### Software

Operating System: Windows Server 2003 Standard Edition (32-bit)  
 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 +FDO
  C : -fast +FDO shlw32M.lib
PEAK TUNING
basepeak=yes

```