



# CFP2000 Result

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## Dell PowerEdge 8450

SPECfp2000 = 260

SPECfp\_base2000 = 234

SPEC license #: 55 Tested by: Dell, Round Rock, TX Test date: Apr-2001 Hardware Avail: Mar-2000 Software Avail: Oct-2000

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	637	251	633	253
171.swim	3100	1297	239	1258	246
172.mgrid	1800	1220	148	964	187
173.applu	2100	1389	151	1332	158
177.mesa	1400	373	375	376	373
178.galgel	2900	867	335	750	387
179.art	2600	495	525	253	1027
183.quake	1300	875	149	717	181
187.facerec	1900	786	242	732	260
188.amp	2200	621	354	608	362
189.lucas	2000	992	202	995	201
191.fma3d	2100	1099	191	1101	191
200.sixtrack	1100	889	124	875	126
301.apsi	2600	930	280	894	291

### Hardware

CPU: Pentium III Xeon  
CPU MHz: 700  
FPU: Integrated  
CPU(s) enabled: 1 core, 1 chip, 1 core/chip  
CPU(s) orderable: 1 to 8  
Parallel: No  
Primary Cache: 16KB(I) + 16KB(D) on chip  
Secondary Cache: 2MB(I+D) on chip  
L3 Cache: N/A  
Other Cache: N/A  
Memory: 3GB SDRAM  
Disk Subsystem: 1 x 9GB SEAGATE Ultra-2  
Other Hardware:

### Software

Operating System: Microsoft Windows 2000 Advanced Server  
Compiler: Intel C/C++ Compiler 5.0 Build 001004 for Windows NT  
Microsoft Visual C++ 6.0 (for libraries)  
MicroQuill SmartHeap Library 5.0  
File System: NTFS  
System State: Default

## Notes/Tuning Information

```

FEEDBACK-DIRECTED OPTIMIZATION
+FDO: PASS1= -Qprof_gen PASS2=-Qprof_use
BASE TUNING
C/F77/F90: -Qipo -QxK -O3 +FDO
PORTABILITY
178.galgel: -FI /F32000000
PEAK TUNING
168.wupwise: -Qipo -QxK -O3 +FDO
171.swim: -Qipo -QxK -O3 +FDO
172.mgrid: -Qipo -QaxK -O3 +FDO
173.applu: -Qipo -QxK -O3 +FDO
177.mesa: -Qipo -QxK -Oa -O3 +FDO shlw32M.lib
178.galgel: -Qipo -QxK -O3 +FDO shlw32M.lib
179.art: -Qipo -QxK -O3 -Oa +FDO shlw32M.lib
183.quake: -Qipo -QxK -Qrcd -Oa +FDO shlw32M.lib
187.facerec: -Qipo -QxK -O3 +FDO shlw32M.lib
188.amp: -Qipo -QxK -O3 -Oa +FDO

```



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## Notes/Tuning Information (Continued)

```
189.lucas: -Qipo -QxK -O3 +FDO shlW32M.lib
191.fma3d: -Qipo -QxK -O3 +FDO
200.sixtrack: -Qipo -QxK +FDO
301.apsi: -Qipo -QxK +FDO
LIBRARIES
shlW32M.lib: MicroQuill SmartHeap Library 5.0
www.microquill.com
```