



CFP2000 Result

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Dell PowerEdge 6400

SPECfp2000 = 294

SPECfp_base2000 = 271

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	545	294	545	294
171.swim	3100	877	354	877	354
172.mgrid	1800	966	186	848	212
173.applu	2100	1102	191	1103	190
177.mesa	1400	368	381	373	375
178.galgel	2900	815	356	717	405
179.art	2600	381	683	226	1148
183.quake	1300	703	185	570	228
187.facerec	1900	714	266	668	285
188.amp	2200	607	362	592	372
189.lucas	2000	844	237	852	235
191.fma3d	2100	977	215	977	215
200.sixtrack	1100	889	124	873	126
301.apsi	2600	859	303	825	315

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 4
 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: 4GB SDRAM
 Disk Subsystem: 1 x 18GB Quantum Atlas 10K U160
 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

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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)

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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
```