CFP2000 Result

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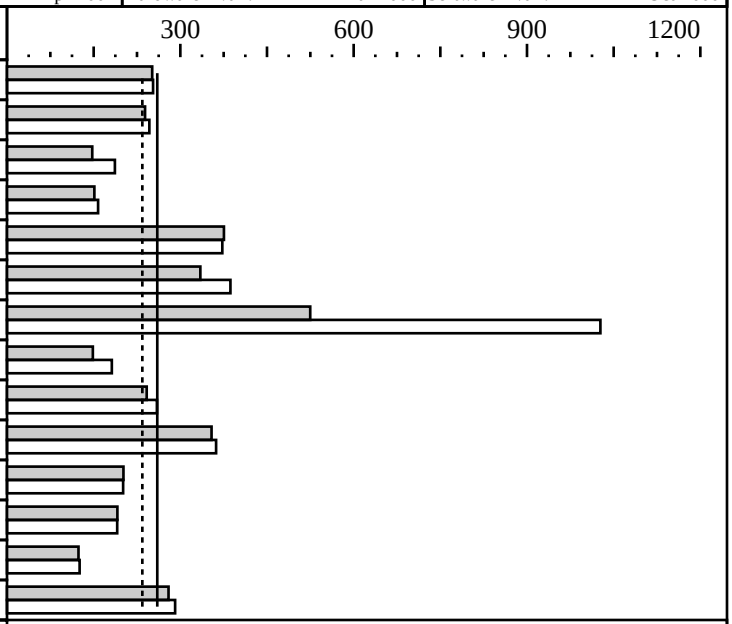
Dell PowerEdge 8450

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.equake	1300	875	149	717	181
187.facerec	1900	786	242	732	260
188.ammp	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.equake:   -Qipo -QxK  -Qrcd -Oa +FDO shlW32M.lib
  187.facerec:  -Qipo -QxK  -O3 +FDO shlW32M.lib
  188.ammp:     -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
```