CFP2000 Result

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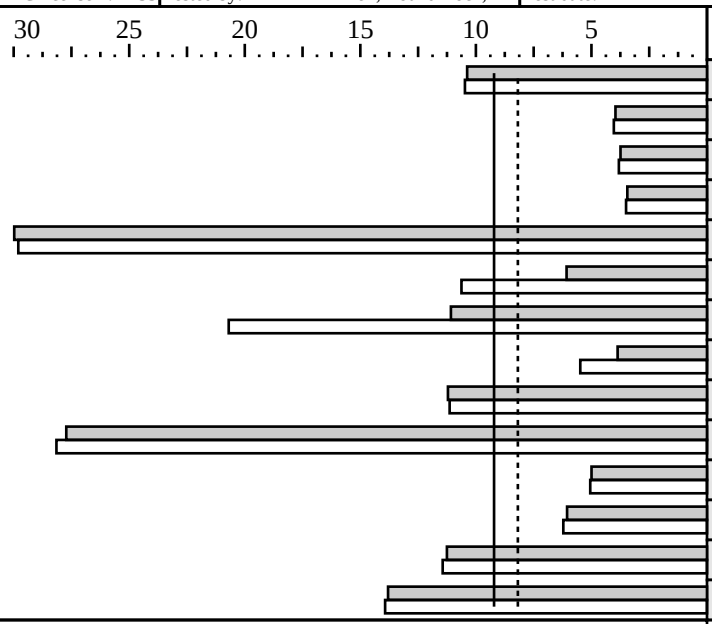
Dell PowerEdge 8450

SPECfp_rate2000 = 9.21

SPECfp_rate_base2000 = 8.18

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	8	1431	10.4	8	1418	10.5
171.swim	8	7264	3.96	8	7136	4.03
172.mgrid	8	4463	3.74	8	4381	3.81
173.applu	8	5653	3.45	8	5565	3.50
177.mesa	8	433	30.0	8	436	29.8
178.galgel	8	4429	6.08	8	2533	10.6
179.art	8	2177	11.1	8	1166	20.7
183.equake	8	3119	3.87	8	2200	5.48
187.facerec	8	1573	11.2	8	1583	11.1
188.ammp	8	736	27.7	8	725	28.1
189.lucas	8	3714	5.00	8	3674	5.05
191.fma3d	8	3219	6.05	8	3135	6.22
200.sixtrack	8	907	11.3	8	893	11.4
301.apsi	8	1748	13.8	8	1732	13.9

Hardware

CPU:	Pentium III Xeon
CPU MHz:	700
FPU:	Integrated
CPU(s) enabled:	8 cores, 8 chips, 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
```