CFP2000 Result

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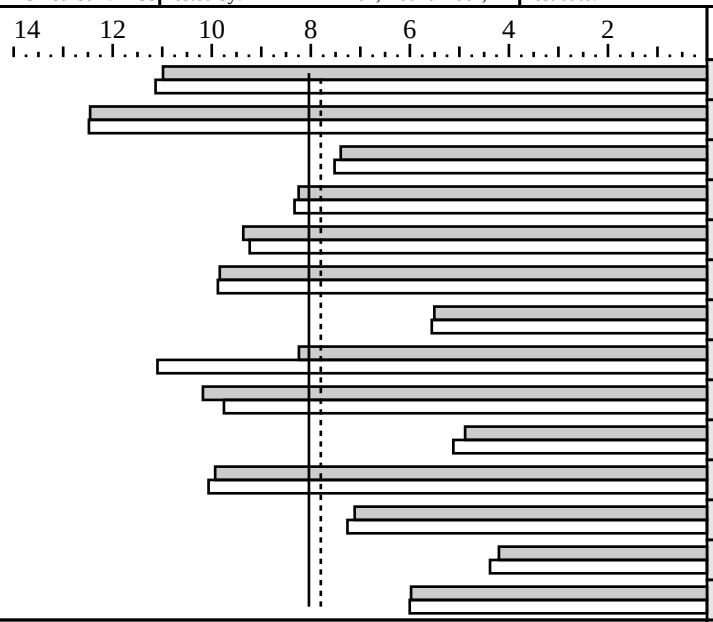
Dell PowerEdge 4600 (2.0 GHz Xeon)

SPECfp_rate2000 = 8.04

SPECfp_rate_base2000 = 7.80

SPEC license #: 55 | Tested by: Dell, Round Rock, TX | Test date: Dec-2001 | Hardware Avail: Feb-2002 | Software Avail: Jun-2001



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	1	169	11.0	1	167	11.1
171.swim	1	289	12.5	1	288	12.5
172.mgrid	1	282	7.40	1	278	7.52
173.applu	1	295	8.25	1	292	8.33
177.mesa	1	173	9.36	1	176	9.23
178.galgel	1	342	9.84	1	341	9.88
179.art	1	548	5.51	1	543	5.56
183.equake	1	183	8.24	1	136	11.1
187.facerec	1	217	10.2	1	226	9.75
188.ammp	1	522	4.88	1	498	5.12
189.lucas	1	234	9.93	1	231	10.1
191.fma3d	1	342	7.11	1	336	7.26
200.sixtrack	1	304	4.20	1	291	4.38
301.apsi	1	505	5.98	1	502	6.00

Hardware

CPU:	Intel Xeon
CPU MHz:	2000
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip
CPU(s) orderable:	1, 2
Parallel:	No
Primary Cache:	12K(I) micro-ops + 8KB(D) on chip
Secondary Cache:	512KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	16 x 256MB PC1600 DDR
Disk Subsystem:	1 x 18GB SEAGATE U160
Other Hardware:	

Software

Operating System:	Windows 2000 Server Service Pack 2 Build 2195
Compiler:	Intel C++ and Fortan Compiler 5.0.1 (010727Z) Microsoft Visual C++ 6.0 (SP5) MicroQuill SmartHeap Library 5.0
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
PORTABILITY
  178.galgel:   -FI /F32000000
FEEDBACK-DIRECTED OPTIMIZATION
  FDO:         PASS1= /Qprof_gen  PASS2= /Qprof_use
BASE TUNING
  C/F77/F90:    /Qipo +FDO /QxW /O3
PEAK TUNING
  168.wupwise:  /Qipo +FDO /QxW /Qprefetch
  171.swim:     /Qipo +FDO /QxW /O3
  172.mgrid:    /Qipo +FDO /QaxW /O3
  173.applu:    /Qipo +FDO /QxW /O3 /Qscalar_rep- /Qauto
  177.mesa:     -Qwp_ipo +FDO -QxW -Qunroll0
  178.galgel:   /Qipo +FDO /QxW /O3
  179.art:      -Qipo +FDO -QxW -O3 shlW32M.lib
  183.equake:   -Qwp_ipo +FDO -QxW -Oa shlW32M.lib
  187.facerec:  /Qipo +FDO /QxW /O3 shlW32M.lib
  188.ammp:     -Qipo +FDO -QaxW -Oa
```

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Notes/Tuning Information (Continued)

```
    189.lucas:    /Qipo /QxW /Qunroll0
    191.fma3d:    /Qipo +FDO /QxW /O3
    200.sixtrack: /Qipo +FDO /QxW
    301.apsi:     /Qipo /QxW /O3
  EXTRA LIBRARIES
    shlW32M.lib:  MicroQuill SmartHeap Library 5.0
                  www.microquill.com
  LIBRARY ORDERING
    187.facerec:  libIEPCF90.lib libintrins.lib libF90.lib libqwin.lib
                  libm.lib shlW32M.lib LIBC.lib libirc.lib OLDNAMES.lib

  /numprocs=1 was added to c: oot.ini file to disable additional CPUs on this system
```