CFP2000 Result

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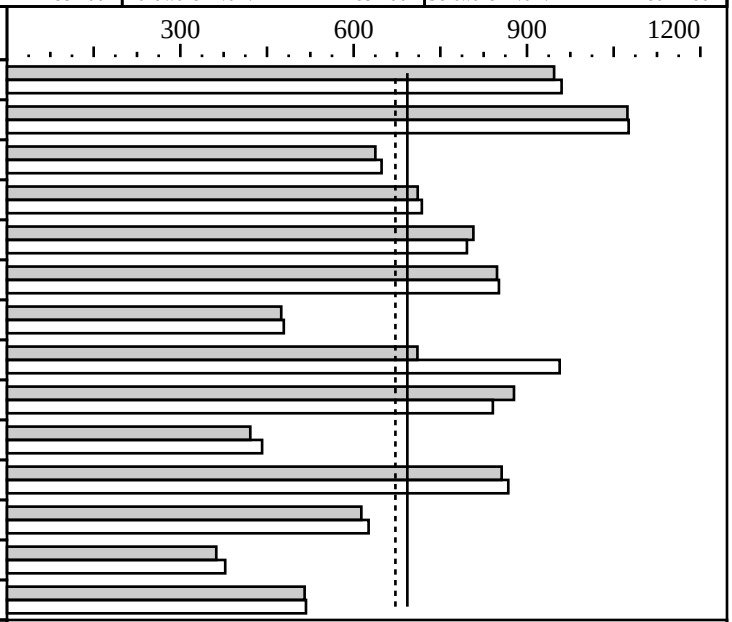
Dell
PowerEdge 4600 (2.0 GHz Xeon)

SPECfp2000 = 693

SPECfp_base2000 = 672

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	169	947	167	960
171.swim	3100	289	1074	288	1076
172.mgrid	1800	282	638	278	648
173.applu	2100	295	711	292	718
177.mesa	1400	173	807	176	796
178.galgel	2900	342	848	341	851
179.art	2600	548	475	543	479
183.equake	1300	183	710	136	957
187.facerec	1900	217	877	226	841
188.ammp	2200	522	421	498	442
189.lucas	2000	234	856	231	868
191.fma3d	2100	342	613	336	626
200.sixtrack	1100	304	362	291	378
301.apsi	2600	505	515	502	517



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
```