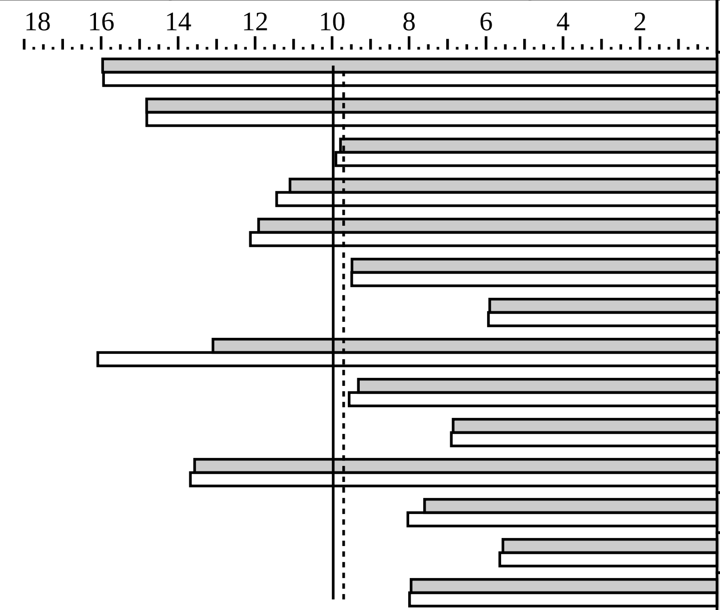
CFP2000 Result

Dell
Precision WorkStation 530 (1.40 GHz Xeon)

SPECfp_rate2000 = 9.97
SPECfp_rate_base2000 = 9.70

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	233	16.0	2	233	15.9
171.swim	2	485	14.8	2	485	14.8
172.mgrid	2	427	9.78	2	422	9.90
173.applu	2	439	11.1	2	426	11.4
177.mesa	2	273	11.9	2	268	12.1
178.galgel	2	709	9.48	2	709	9.49
179.art	2	1022	5.90	2	1016	5.94
183.equake	2	230	13.1	2	187	16.1
187.facerec	2	473	9.32	2	461	9.56
188.ammp	2	745	6.86	2	739	6.90
189.lucas	2	342	13.6	2	339	13.7
191.fma3d	2	641	7.60	2	607	8.03
200.sixtrack	2	459	5.56	2	452	5.64
301.apsi	2	759	7.95	2	755	7.99

Hardware

CPU:	Intel Xeon
CPU MHz:	1400
FPU:	Integrated
CPU(s) enabled:	2 cores, 2 chips, 1 core/chip
CPU(s) orderable:	1, 2
Parallel:	No
Primary Cache:	12K(I) micro-ops + 8KB(D) on chip
Secondary Cache:	256KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	2 x 256MB PC800 ECC RDRAM
Disk Subsystem:	1 x 36GB Quantum Atlas 10K II U160
Other Hardware:	

Software

Operating System:	Windows 2000 (SP1)
Compiler:	Intel C++ and Fortan Compiler 5.0 Build 001004 Microsoft Visual C++ 6.0 (for libraries) MicroQuill SmartHeap Library 5.0
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
PORTABILITY
  178.galgel:   -FI /F32000000
FEEDBACK-DIRECTED OPTIMIZATION
  FDO1:         PASS1= /Qprof_gen
  FDO2:         PASS1= /Qprof_gen  PASS2= /Qprof_use
BASE TUNING
  C/F77/F90:    -Qipo +FDO2 -QxW -O3
PEAK TUNING
  168.wupwise:  /Qipo +FDO2 /QxW /Qprefetch
  171.swim:     /Qipo +FDO2 /QxW /O3
  172.mgrid:    /Qipo +FDO2 /QaxW /O3
  173.applu:    /Qipo +FDO2 /QxW /O3 /Qscalar_rep- /Qauto
  177.mesa:     -Qwp_ipo +FDO2 -QxW -Qunroll0
  178.galgel:   /Qipo +FDO2 /QxW /O3
  179.art:      -Qipo +FDO2 -QxW -Oa shlW32M.lib
  183.equake:   -Qwp_ipo +FDO2 -QxW -Oa shlW32M.lib
  187.facerec:  /Qipo +FDO2 /QxW /O3 /Qauto shlW32M.lib
```

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Notes/Tuning Information (Continued)

```
      188.ammp:     -Qipo +FDO2 -QaxW -Oa
      189.lucas:    /Qipo +FDO1 /QxW /Qunroll0
      191.fma3d:    /Qipo +FDO2 /QxW /O3
      200.sixtrack: /Qipo +FDO2 /QaxW
      301.apsi:     /Qipo +FDO1 /QxW /O3
    EXTRA LIBRARIES
      shlW32M.lib:  MicroQuill SmartHeap Library 5.0
                    www.microquill.com
    LIBRARY ORDERING
      187.facerec:  libIEPCF90.lib libintrins.lib libF90.lib libqwind.lib
                    libm.lib shlW32M.lib LIBC.lib libirc.lib OLDNAMES.lib
```