CFP2000 Result

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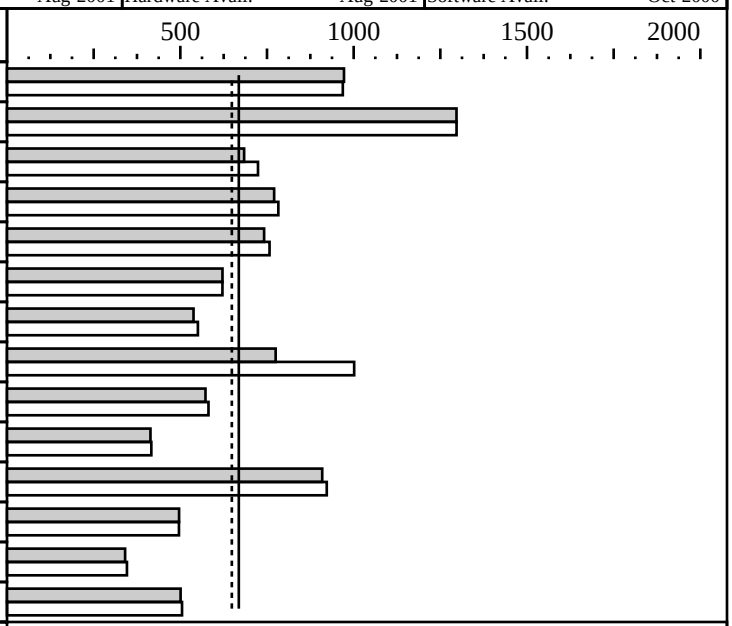
Dell
Precision WorkStation 330 (2.0 GHz P4)

SPECfp2000 = 669

SPECfp_base2000 = 649

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	165	972	165	969
171.swim	3100	239	1297	239	1297
172.mgrid	1800	263	684	249	724
173.applu	2100	273	771	268	783
177.mesa	1400	189	742	185	757
178.galgel	2900	467	622	467	621
179.art	2600	483	538	472	551
183.equake	1300	168	775	130	1001
187.facerec	1900	332	573	327	581
188.ammp	2200	532	414	528	416
189.lucas	2000	220	909	217	922
191.fma3d	2100	423	496	423	496
200.sixtrack	1100	323	341	318	346
301.apsi	2600	519	501	515	505



Hardware

CPU:	Intel Pentium 4
CPU MHz:	2000
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip
CPU(s) orderable:	1
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 128MB PC800 ECC RDRAM
Disk Subsystem:	1 x 20GB Maxtor 7.2K ATA/5
Other Hardware:	

Software

Operating System:	Windows 2000 (SP1)
Compiler:	Intel C++ and Fortan Compiler 5.0 (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
  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 -Oa shlW32M.lib
  183.equake:   -Qwp_ipo +FDO -QxW -Oa shlW32M.lib
  187.facerec:  /Qipo +FDO /QxW /O3 /Qauto 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 /QaxW
    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 libqwind.lib
                  libm.lib shlW32M.lib LIBC.lib libirc.lib OLDNAMES.lib
```