CFP2000 Result

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Dell

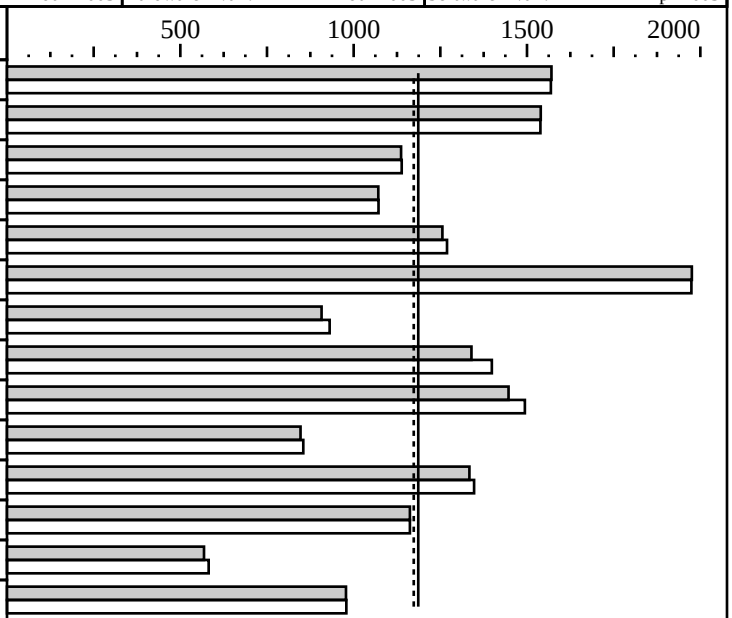
Precision Workstation 650 (3.06 GHz Xeon, 1MB L3 Cache)

SPECfp2000 = 1186

SPECfp_base2000 = 1173

SPEC license #: 55 | Tested by: Dell, Round Rock, TX | Test date: Jun-2003 | Hardware Avail: Jul-2003 | Software Avail: Apr-2003

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	102	1571	102	1569
171.swim	3100	201	1540	201	1539
172.mgrid	1800	158	1137	158	1139
173.applu	2100	196	1071	196	1072
177.mesa	1400	111	1256	110	1269
178.galgel	2900	147	1976	147	1974
179.art	2600	287	907	279	931
183.equake	1300	97.0	1340	93.0	1399
187.facerec	1900	131	1447	127	1494
188.ammp	2200	260	847	257	855
189.lucas	2000	150	1334	148	1347
191.fma3d	2100	181	1162	181	1162
200.sixtrack	1100	194	568	189	582
301.apsi	2600	266	978	266	979



Hardware

CPU:	Intel Xeon (533 MHz system bus)
CPU MHz:	3066
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:	1024KB
Other Cache:	N/A
Memory:	4 x 512MB PC2100 CL2-2-2 DDR ECC SDRAM
Disk Subsystem:	1 x 36GB 10K U320 SCSI
Other Hardware:	

Software

Operating System:	Windows XP Professional SP1
Compiler:	Intel C++ Compiler 7.1 (20030402Z) Intel Fortran Compiler 7.1 (20030402Z) Microsoft Visual Studio .NET (7.0.9466)
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
PORTABILITY
  178.galgel:   -FI /F32000000
FEEDBACK DIRECTED OPTMIZATION
  ONESTEP=YES
  FDO:          PASS1=  -Qprof_gen  PASS2=-Qprof_use
BASE TUNING
  C/F77/F90:    -Qipo -QxW -O3 +FDO
PEAK TUNING
  168.wupwise:  -Qipo -QxW  -O3 +FDO
  171.swim:     -Qipo -QxW  -O3 +FDO
  172.mgrid:    -Qipo -QaxW -O3 +FDO
  173.applu:    -Qipo -QxW  -O3 -Qscalar_rep- -Qauto +FDO
  177.mesa:     -Qipo -QxW  -O3 -Oa +FDO
  178.galgel:   -Qipo -QxW  -O3 +FDO
  179.art:      -Oa -Qipo -Qunroll4 -Zp4
  183.equake:   -Qipo -QxW  -Oa -Qrcd +FDO
  187.facerec:  -O3 -QaxW -Qipo -Qunroll1 -Qscalar_rep- +FDO
```

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Notes/Tuning Information (Continued)

```
    188.ammp:     -Oa -QxW
    189.lucas:    -Qipo -QaxW
    191.fma3d:    basepeak=yes
    200.sixtrack: -Qipo -QxW  +FDO
    301.apsi:     -Qipo -QxW  -O3 +FDO

  NOTES:
    1 CPU disabled via BIOS setting.
```