CFP2000 Result

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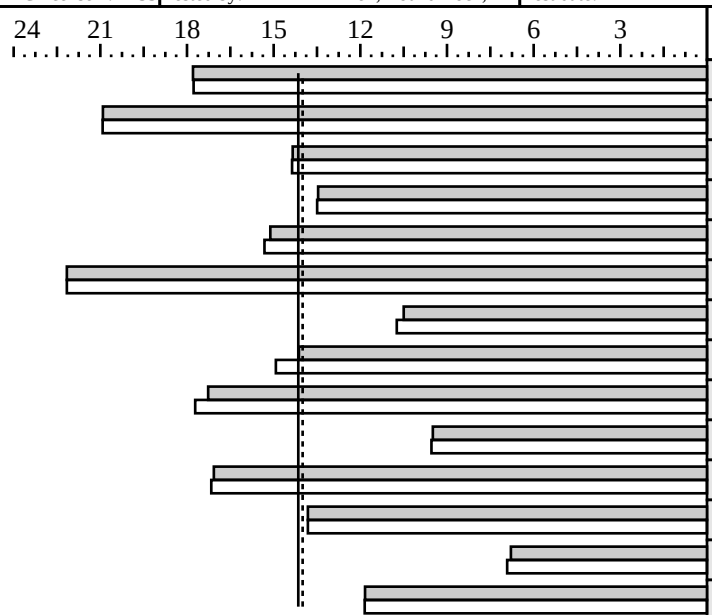
Dell

PowerEdge 2650 (3.2 GHz Xeon, 1MB L3)

SPECfp_rate2000 = 14.1

SPECfp_rate_base2000 = 14.0

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	1	104	17.8	1	104	17.8
171.swim	1	172	20.9	1	172	20.9
172.mgrid	1	146	14.3	1	145	14.4
173.applu	1	181	13.5	1	181	13.5
177.mesa	1	107	15.1	1	106	15.3
178.galgel	1	152	22.2	1	152	22.2
179.art	1	287	10.5	1	281	10.7
183.equake	1	107	14.1	1	101	14.9
187.facerec	1	128	17.3	1	124	17.7
188.ammp	1	269	9.49	1	268	9.54
189.lucas	1	136	17.1	1	135	17.2
191.fma3d	1	176	13.8	1	176	13.8
200.sixtrack	1	188	6.79	1	184	6.92
301.apsi	1	255	11.8	1	255	11.8

Hardware

CPU:	Intel Pentium Xeon (533 MHz system bus)
CPU MHz:	3200
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip (Hyper-Threading Technology disabled)
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(I+D) on chip
Other Cache:	N/A
Memory:	4 X 512MB DDR266
Disk Subsystem:	1 x 17GB Ultra3 Seagate SCSI
Other Hardware:	

Software

Operating System:	Windows 2000 Server (SP2)
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
  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:      PASS1= -Qprof_gen PASS2= -Qipo -Qprof_use -QxW -O3 -Oa
  178.galgel:   -Qipo -QxW  -O3 +FDO
  179.art:      -Oa -Qipo -Qunroll4 -Zp4
  183.equake:   -QxW -Oa -Qrcd -Qipo +FDO
  187.facerec:  -O3 -QaxW -Qipo -Qunroll1 -Qscalar_rep- +FDO
  188.ammp:     -Oa -QxW
```

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Notes/Tuning Information (Continued)

```
  189.lucas:    -Qipo -QaxW
  191.fma3d:    basepeak=yes
  200.sixtrack: -Qipo -QxW  +FDO
  301.apsi:     -Qipo -QxW  -O3 +FDO
ONESTEP=YES is set for all benchmarks
Hyper-Threading Technology disabled in BIOS
```