CFP2000 Result

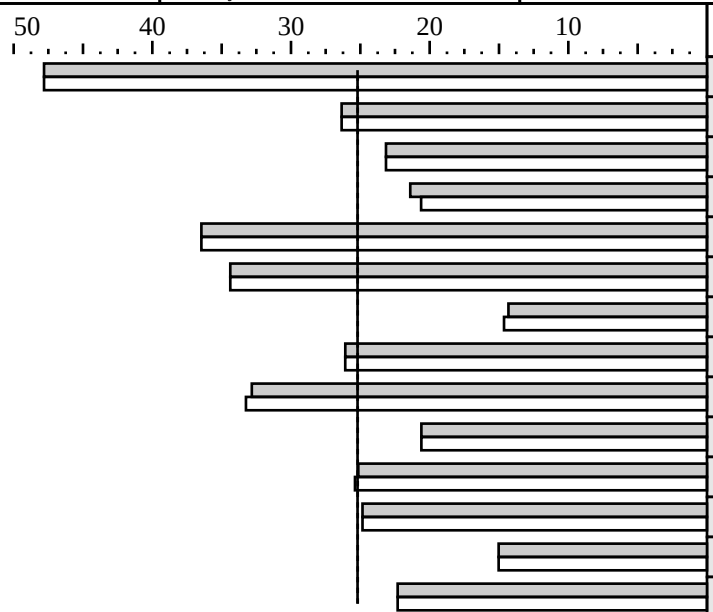
Copyright ©1999-2004, Standard Performance Evaluation Corporation

Dell
PowerEdge 1855(3.6 GHz Intel Xeon)

SPECfp_rate2000 = 25.2

SPECfp_rate_base2000 = 25.2

SPEC license #: 55 | Tested by: Dell Inc., Round Rock, TX | Test date: Oct-2004 | Hardware Avail: Nov-2004 | Software Avail: Nov-2004



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	77.6	47.8	2	77.6	47.8
171.swim	2	273	26.3	2	273	26.3
172.mgrid	2	180	23.1	2	180	23.1
173.applu	2	228	21.4	2	236	20.6
177.mesa	2	89.1	36.5	2	89.1	36.5
178.galgel	2	196	34.4	2	196	34.4
179.art	2	421	14.3	2	412	14.6
183.equake	2	116	26.1	2	116	26.1
187.facerec	2	134	32.8	2	133	33.2
188.ammp	2	248	20.6	2	248	20.6
189.lucas	2	185	25.1	2	183	25.4
191.fma3d	2	196	24.8	2	196	24.8
200.sixtrack	2	170	15.0	2	170	15.0
301.apsi	2	270	22.3	2	270	22.3

Hardware

CPU:	Intel Xeon (3.6 GHz, 1MB L2, 800MHz system bus)
CPU MHz:	3600
FPU:	Integrated
CPU(s) enabled:	2 cores, 2 chips, 1 core/chip (HT Technology disabled)
CPU(s) orderable:	1,2
Parallel:	No
Primary Cache:	12K(I) micro-ops + 16KB(D) on chip
Secondary Cache:	1024KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	4x512MB (dual-ranked) ECC DDR2-400 SDRAM
Disk Subsystem:	1 x 36GB 15000 RPM SCSI
Other Hardware:	None

Software

Operating System:	Windows 2003 Server, Standard Edition
Compiler:	Intel C/C++ Compiler 8.0 (20040318Z) Intel Fortran Compiler 8.0 (20040304Z) Microsoft Visual Studio .NET (7.0.9466)
File System:	NTFS
System State:	Default

Notes/Tuning Information

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

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Notes/Tuning Information (Continued)

```
188.ammp:     basepeak=yes
189.lucas:    -QaxP -Qipo -O3
191.fma3d:    basepeak=yes
200.sixtrack: basepeak=yes
301.apsi:     basepeak=yes
```