CFP2000 Result

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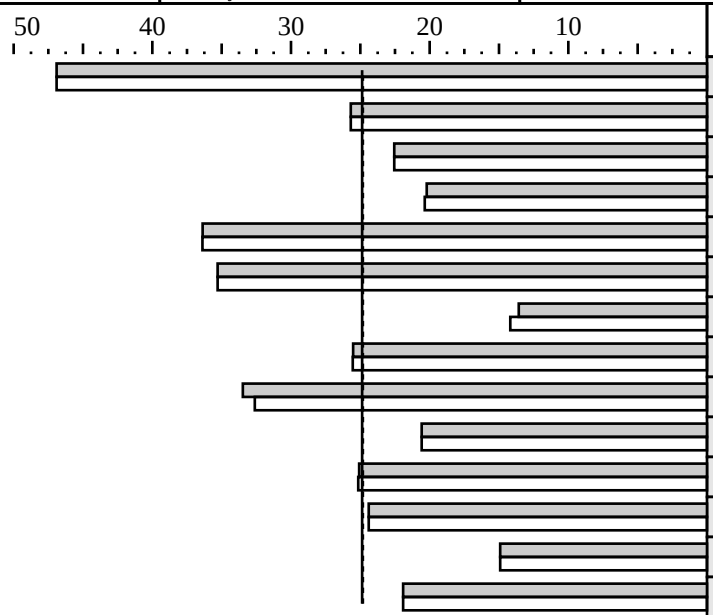
Dell
PowerEdge 2850 (3.6GHz, Intel Xeon)

SPECfp_rate2000 = 24.9

SPECfp_rate_base2000 = 24.8

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	79.1	46.9	2	79.1	46.9
171.swim	2	280	25.7	2	280	25.7
172.mgrid	2	185	22.6	2	185	22.6
173.applu	2	241	20.2	2	239	20.4
177.mesa	2	89.3	36.4	2	89.3	36.4
178.galgel	2	191	35.3	2	191	35.3
179.art	2	444	13.6	2	425	14.2
183.equake	2	118	25.5	2	118	25.5
187.facerec	2	132	33.5	2	135	32.6
188.ammp	2	248	20.6	2	248	20.6
189.lucas	2	185	25.1	2	184	25.2
191.fma3d	2	200	24.4	2	200	24.4
200.sixtrack	2	171	14.9	2	171	14.9
301.apsi	2	275	21.9	2	275	21.9

Hardware

CPU:	Intel Xeon (3.6GHz, 1MB L2, 800MHz 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:	16K(I) micro-ops + 16KB(D) on chip
Secondary Cache:	1024KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	4 x 2GB ECC DDR2-400 SDRAM
Disk Subsystem:	1x18.2GB 15K Ultra320 SCSI
Other Hardware:	

Software

Operating System:	Windows Enterprise Server 2003
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
```

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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
```