CFP2000 Result

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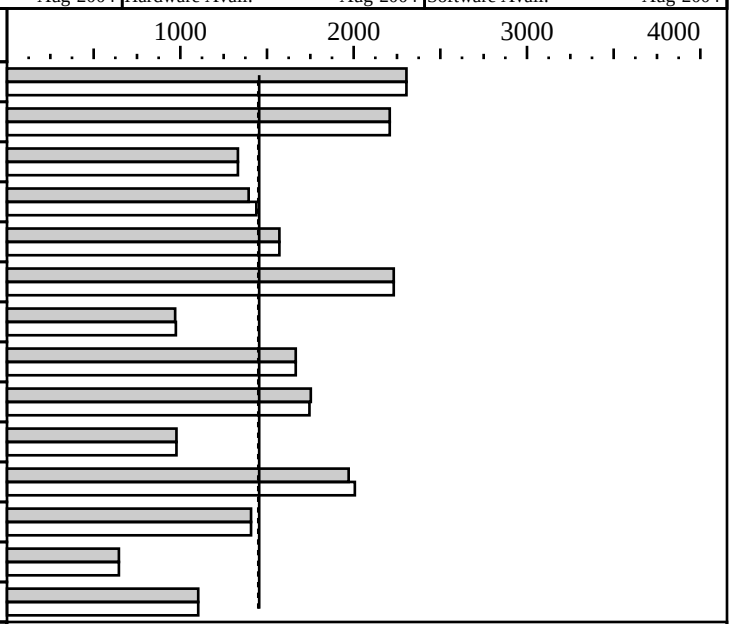
Dell
PowerEdge 2850 (3.6GHz, Intel Xeon)

SPECfp2000 = 1455

SPECfp_base2000 = 1450

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	69.4	2305	69.4	2305
171.swim	3100	140	2208	140	2208
172.mgrid	1800	135	1332	135	1332
173.applu	2100	151	1394	146	1439
177.mesa	1400	89.1	1571	89.1	1571
178.galgel	2900	130	2231	130	2231
179.art	2600	268	970	267	974
183.equake	1300	78.0	1666	78.0	1666
187.facerec	1900	108	1753	109	1745
188.ammp	2200	225	978	225	978
189.lucas	2000	101	1971	99.7	2007
191.fma3d	2100	149	1408	149	1408
200.sixtrack	1100	170	646	170	646
301.apsi	2600	236	1103	236	1103



Hardware

CPU:	Intel Xeon (3.6GHz, 1MB L2, 800MHz bus)
CPU MHz:	3600
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 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
```