CFP2000 Result

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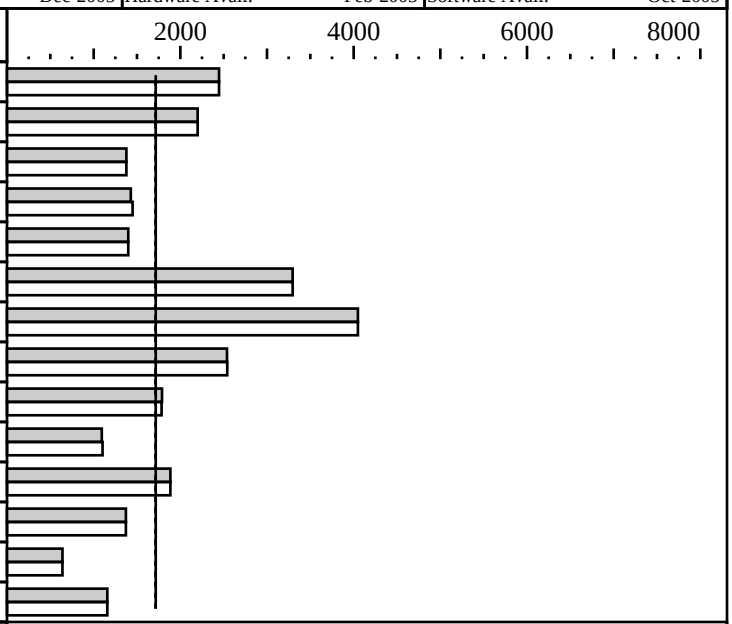
Dell Inc.
PowerEdge 1850 (3.2Ghz Intel Xeon)

SPECfp2000 = 1716

SPECfp_base2000 = 1714

SPEC license #: 55 | Tested by: Dell, Round Rock, TX | Test date: Dec-2005 | Hardware Avail: Feb-2005 | Software Avail: Oct-2005

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	65.4	2447	65.4	2447
171.swim	3100	141	2200	141	2200
172.mgrid	1800	131	1378	131	1378
173.applu	2100	147	1428	145	1449
177.mesa	1400	100	1399	100	1399
178.galgel	2900	88.0	3296	88.0	3296
179.art	2600	64.2	4049	64.2	4049
183.equake	1300	51.2	2538	51.2	2541
187.facerec	1900	106	1789	107	1784
188.ammp	2200	201	1094	200	1102
189.lucas	2000	106	1885	106	1885
191.fma3d	2100	153	1372	153	1372
200.sixtrack	1100	172	640	172	640
301.apsi	2600	225	1157	225	1157



Hardware

CPU:	Intel Xeon (3.2Ghz, 2MB L2, 800MHz system bus)
CPU MHz:	3200
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 + 16KB(D) on chip
Secondary Cache:	2048KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	4x1GB (single-ranked) ECC DDR2-400 SDRAM
Disk Subsystem:	1 x 36GB 15000RPM SCSI
Other Hardware:	None

Software

Operating System:	Windows Server 2003, Standard Edition, Service Pack 1
Compiler:	Intel C/C++ Compiler 9.0 for IA32(20051020Z) Intel Fortran Compiler 9.0 for IA32(20051020Z) Microsoft Visual Studio .NET 2003(7.1.3088) MicroQuill SmartHeap Library 8.0
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
  FORTRAN:      -fast -Qansi_alias +FDO
  177.mesa:     -fast +FDO shlW32M.lib
  179.art:      -fast +FDO shlW32M.lib
  183.equake:   -fast +FDO shlW32M.lib
  188.ammp:     -fast +FDO shlW32M.lib
PEAK TUNING
  168.wupwise:  basepeak=yes
  171.swim:     basepeak=yes
  172.mgrid:    basepeak=yes
  173.applu:    -fast -Qansi_alias -Qscalar_rep- -Qauto +FDO
  177.mesa:     basepeak=yes
```

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Notes/Tuning Information (Continued)

```
178.galgel:   basepeak=yes
179.art:      basepeak=yes
183.equake:   -fast -Oa -Qrcd +FDO shlW32M.lib
187.facerec:  -fast -Qunroll1 -Qscalar_rep- +FDO
188.ammp:     -fast -Oa shlW32M.lib
189.lucas:    basepeak=yes
191.fma3d:    basepeak=yes
200.sixtrack: -fast +FDO
301.apsi:     basepeak=yes
```