CFP2000 Result

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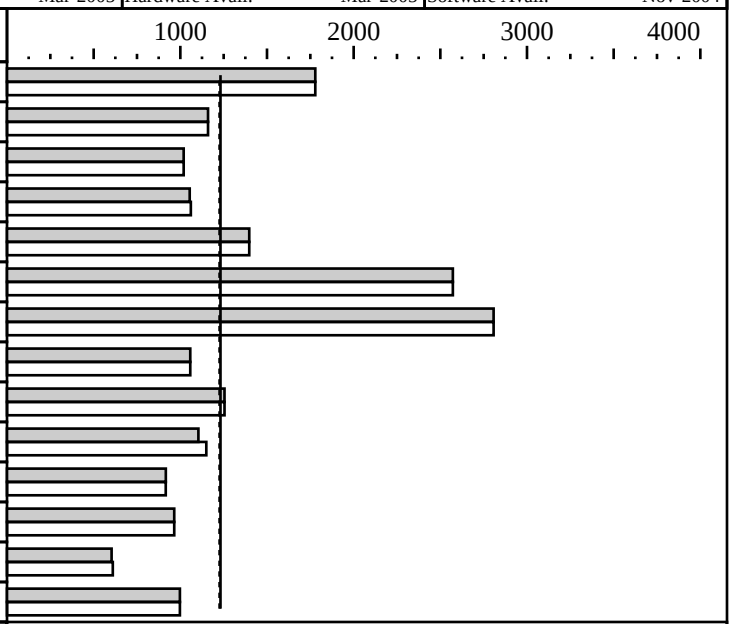
Dell
PowerEdge 6850 (3.33GHz Intel Xeon)

SPECfp2000 = 1232

SPECfp_base2000 = 1227

SPEC license #: 55 | Tested by: Dell, Round Rock, TX | Test date: Mar-2005 | Hardware Avail: Mar-2005 | Software Avail: Nov-2004

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	90.0	1779	90.0	1779
171.swim	3100	267	1160	267	1160
172.mgrid	1800	177	1019	177	1019
173.applu	2100	199	1054	198	1061
177.mesa	1400	100	1398	100	1398
178.galgel	2900	113	2572	113	2572
179.art	2600	92.6	2807	92.6	2807
183.equake	1300	123	1057	123	1057
187.facerec	1900	151	1255	151	1255
188.ammp	2200	199	1104	191	1150
189.lucas	2000	218	916	218	916
191.fma3d	2100	218	965	218	965
200.sixtrack	1100	182	603	180	610
301.apsi	2600	261	997	261	997



Hardware

CPU:	Intel Xeon (3.33GHz, 1MB L2, 8MB L3, 667MHz system bus)
CPU MHz:	3330
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip (Hyper-Threading Technology disabled)
CPU(s) orderable:	1,2,3,4
Parallel:	No
Primary Cache:	12K(I) micro-ops + 16KB(D) on chip
Secondary Cache:	1024KB(I+D) on chip
L3 Cache:	8192KB(I+D) on chip
Other Cache:	N/A
Memory:	8x2GB (dual-ranked) ECC DDR2-400 SDRAM
Disk Subsystem:	1 x 36GB 15000RPM SCSI
Other Hardware:	None

Software

Operating System:	Windows 2003 Server, Enterprise Edition
Compiler:	Intel C/C++ Compiler 8.1 (20041119Z) Intel Fortran Compiler 8.1 (20041119Z) Microsoft Visual Studio .NET 2003(7.1.3088, for libraries)
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
GENERAL
  ONESTEP=yes
  +FDO:   PASS1=-Qprof_gen  PASS2=-Qprof_use
PORTABILITY
  178.galgel:   -FI /F32000000
  191.fma3d:    srcalt=windowsdp
BASE TUNING
  C/F77/F90:    -fast -Qansi_alias +FDO
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
  178.galgel:   basepeak=yes
  179.art:      basepeak=yes
  183.equake:   -fast -Qansi_alias -Oa -Qrcd +FDO
```

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Notes/Tuning Information (Continued)

```
   187.facerec:  -fast -Qunroll1 -Qscalar_rep- +FDO
   188.ammp:     -Oa -QxP
   189.lucas:    -fast
   191.fma3d:    basepeak=yes
   200.sixtrack: -QxP -Qipo +FDO
   301.apsi:     basepeak=yes
This result was measured on the Dell PowerEdge 6850.
The PowerEdge 6800 and PowerEdge 6850 are electronically equivalent.
```