CFP2000 Result

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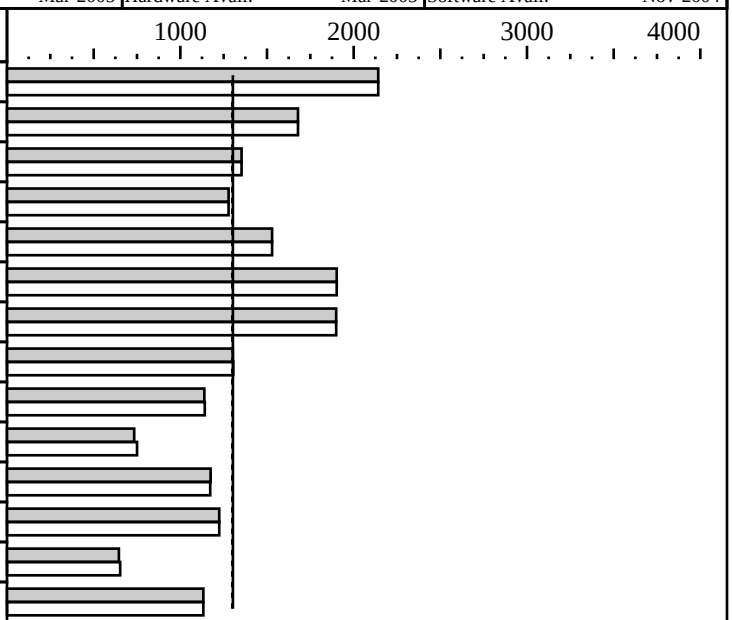
Dell
PowerEdge 6850 (3.66GHz Intel Xeon)

SPECfp2000 = 1303

SPECfp_base2000 = 1300

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	74.7	2142	74.7	2142
171.swim	3100	185	1679	185	1679
172.mgrid	1800	133	1353	133	1353
173.applu	2100	164	1278	164	1278
177.mesa	1400	91.5	1529	91.5	1529
178.galgel	2900	152	1902	152	1902
179.art	2600	137	1899	137	1899
183.equake	1300	99.8	1303	99.6	1305
187.facerec	1900	167	1139	167	1141
188.ammp	2200	300	734	293	750
189.lucas	2000	170	1175	171	1172
191.fma3d	2100	172	1224	172	1224
200.sixtrack	1100	170	646	169	653
301.apsi	2600	230	1133	230	1133



Hardware

CPU:	Intel Xeon (3.66GHz, 1MB L2, 667MHz system bus)
CPU MHz:	3660
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:	N/A
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.
```