CFP2000 Result

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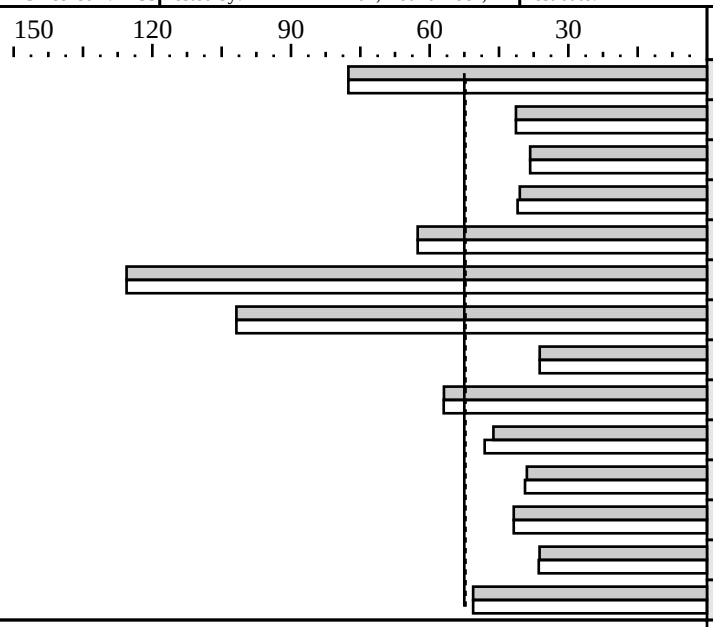
Dell
PowerEdge 6850 (3.33GHz Intel Xeon)

SPECfp_rate2000 = 52.5

SPECfp_rate_base2000 = 52.2

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	8	191	77.6	8	191	77.6
171.swim	8	696	41.3	8	696	41.3
172.mgrid	8	437	38.3	8	437	38.3
173.applu	8	481	40.5	8	476	41.0
177.mesa	8	208	62.6	8	208	62.6
178.galgel	8	214	126	8	214	126
179.art	8	237	102	8	237	102
183.equake	8	333	36.2	8	333	36.2
187.facerec	8	310	56.9	8	310	57.0
188.ammp	8	442	46.2	8	424	48.1
189.lucas	8	476	39.0	8	471	39.4
191.fma3d	8	466	41.8	8	466	41.8
200.sixtrack	8	282	36.2	8	280	36.4
301.apsi	8	477	50.6	8	477	50.6

Hardware

CPU:	Intel Xeon (3.33GHz, 1MB L2, 8MB L3, 667MHz system bus)
CPU MHz:	3330
FPU:	Integrated
CPU(s) enabled:	4 cores, 4 chips, 1 core/chip (Hyper-Threading Technology enabled)
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.
```