CFP2000 Result

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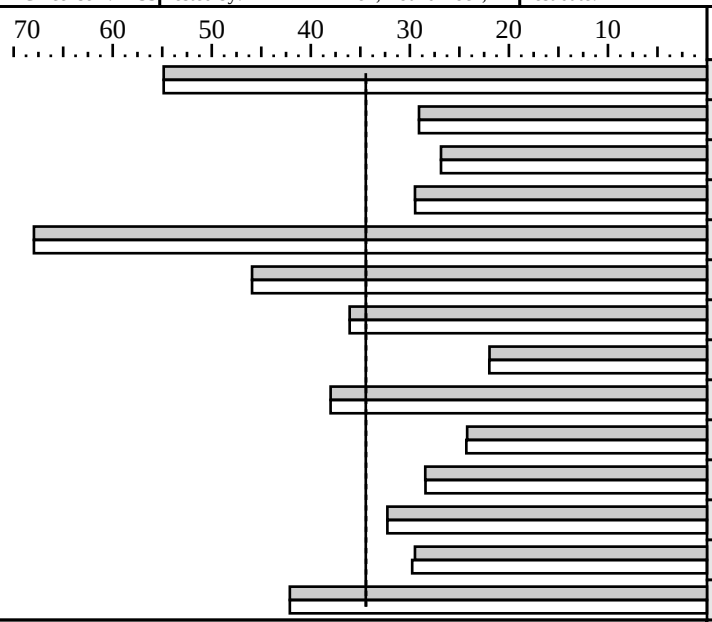
Dell
PowerEdge 6850 (3.66GHz Intel Xeon)

SPECfp_rate2000 = 34.4

SPECfp_rate_base2000 = 34.4

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	4	135	54.9	4	135	54.9
171.swim	4	495	29.1	4	495	29.1
172.mgrid	4	311	26.9	4	311	26.9
173.applu	4	330	29.5	4	331	29.5
177.mesa	4	95.6	68.0	4	95.6	68.0
178.galgel	4	293	45.9	4	293	45.9
179.art	4	334	36.1	4	334	36.1
183.equake	4	275	22.0	4	274	22.0
187.facerec	4	232	38.0	4	232	38.0
188.ammp	4	422	24.2	4	420	24.3
189.lucas	4	326	28.4	4	327	28.4
191.fma3d	4	302	32.3	4	302	32.3
200.sixtrack	4	173	29.5	4	171	29.8
301.apsi	4	286	42.1	4	286	42.1

Hardware

CPU:	Intel Xeon (3.66GHz, 1MB L2, 667MHz system bus)
CPU MHz:	3660
FPU:	Integrated
CPU(s) enabled:	4 cores, 4 chips, 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.
```