CFP2000 Result

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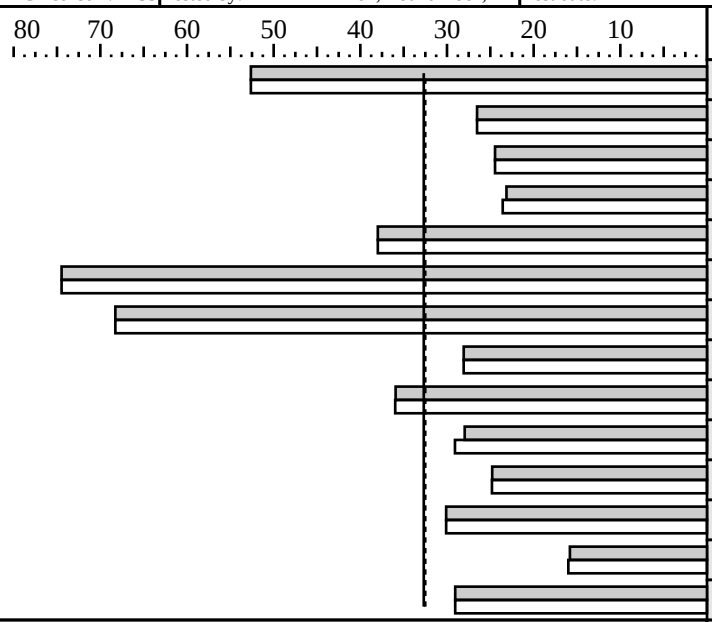
Dell
PowerEdge 1850 (3.8GHz Intel Xeon)

SPECfp_rate2000 = 32.7

SPECfp_rate_base2000 = 32.5

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	70.5	52.6	2	70.5	52.6
171.swim	2	271	26.5	2	271	26.5
172.mgrid	2	171	24.5	2	171	24.5
173.applu	2	211	23.1	2	207	23.6
177.mesa	2	85.5	38.0	2	85.5	38.0
178.galgel	2	90.3	74.5	2	90.3	74.5
179.art	2	88.4	68.3	2	88.4	68.3
183.equake	2	107	28.1	2	107	28.1
187.facerec	2	123	35.9	2	123	36.0
188.ammp	2	183	28.0	2	176	29.1
189.lucas	2	187	24.8	2	187	24.8
191.fma3d	2	162	30.1	2	162	30.1
200.sixtrack	2	161	15.8	2	160	16.0
301.apsi	2	208	29.1	2	208	29.1

Hardware

CPU:	Intel Xeon (3.8GHz, 2MB L2, 800MHz system bus)
CPU MHz:	3800
FPU:	Integrated
CPU(s) enabled:	2 cores, 2 chips, 1 core/chip (Hyper-Threading Technology disabled)
CPU(s) orderable:	1,2
Parallel:	No
Primary Cache:	12KB(I) + 16KB(D) on chip
Secondary Cache:	2048KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	4x2GB (dual-ranked) ECC 400MHz DDR2 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 8.1 for IA32 (20041119Z) Microsoft Visual Studio .NET 2003(7.1.3088, for libraries) MicroQuill SmartHeap Library 7.1
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
  NOTES
    *+FDO does not include -QxP for PASS1 to enable cross-compilation.
```