CFP2000 Result

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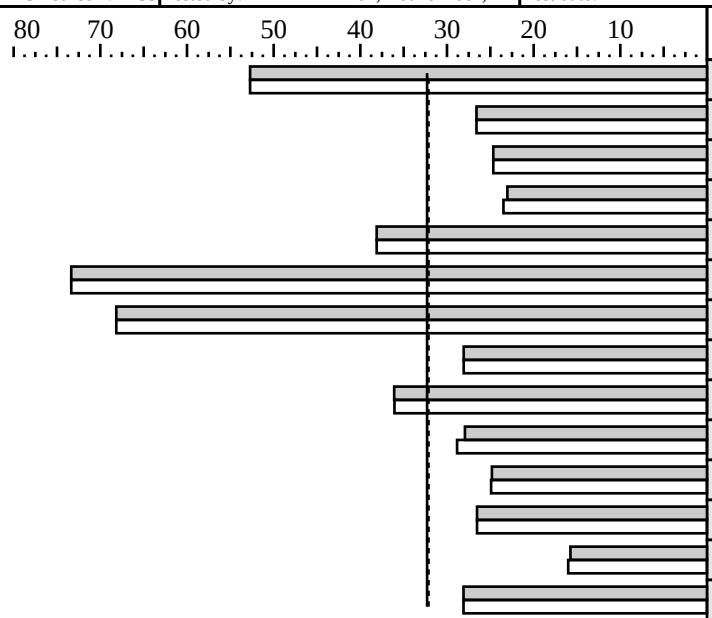
Dell
PowerEdge 2850 (3.8GHz Intel Xeon)

SPECfp_rate2000 = 32.3

SPECfp_rate_base2000 = 32.1

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	70.4	52.7	2	70.4	52.7
171.swim	2	270	26.6	2	270	26.6
172.mgrid	2	169	24.7	2	169	24.7
173.applu	2	212	23.0	2	207	23.5
177.mesa	2	85.2	38.1	2	85.2	38.1
178.galgel	2	91.7	73.4	2	91.7	73.4
179.art	2	88.5	68.2	2	88.5	68.2
183.equake	2	107	28.1	2	107	28.1
187.facerec	2	122	36.1	2	122	36.1
188.ammp	2	183	27.9	2	177	28.8
189.lucas	2	187	24.8	2	186	24.9
191.fma3d	2	184	26.5	2	184	26.5
200.sixtrack	2	162	15.8	2	159	16.0
301.apsi	2	215	28.1	2	215	28.1

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.
```