CFP2000 Result

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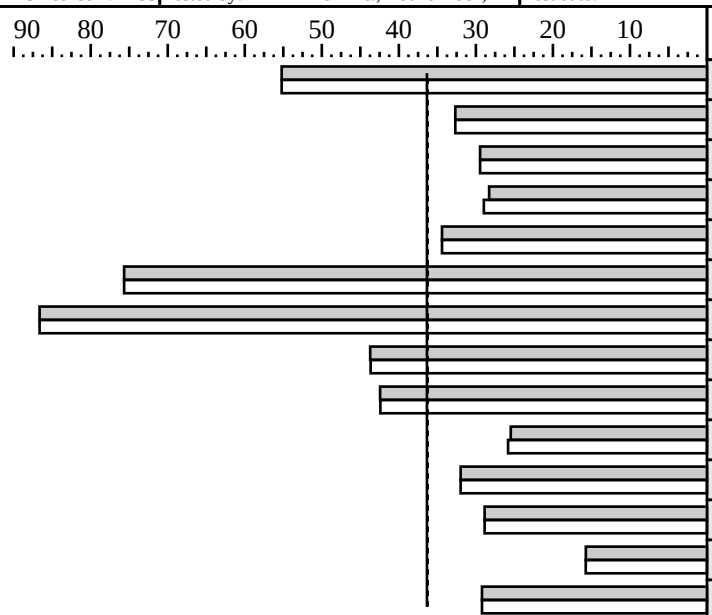
Dell

PowerEdge SC430 (3.4GHz Intel Pentium D 950)

SPECfp_rate2000 = 36.4

SPECfp_rate_base2000 = 36.3

SPEC license #: 55 | Tested by: Dell Inc., Round Rock, TX | Test date: Mar-2006 | Hardware Avail: Apr-2006 | Software Avail: Oct-2005



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	67.2	55.2	2	67.2	55.2
171.swim	2	220	32.7	2	220	32.7
172.mgrid	2	142	29.5	2	142	29.5
173.applu	2	172	28.3	2	168	29.0
177.mesa	2	94.4	34.4	2	94.4	34.4
178.galgel	2	88.9	75.7	2	88.9	75.7
179.art	2	69.6	86.6	2	69.6	86.6
183.equake	2	69.0	43.7	2	69.1	43.7
187.facerec	2	104	42.4	2	104	42.4
188.ammp	2	200	25.5	2	198	25.8
189.lucas	2	145	32.0	2	145	32.0
191.fma3d	2	169	28.9	2	169	28.9
200.sixtrack	2	162	15.7	2	162	15.7
301.apsi	2	207	29.2	2	207	29.2

Hardware

CPU:	Intel Pentium D 950 (3.4GHz, 2x2M L2, 800MHz system bus)
CPU MHz:	3400
FPU:	Integrated
CPU(s) enabled:	2 cores, 1 chip, 2 cores/chip
CPU(s) orderable:	1
Parallel:	No
Primary Cache:	12K(I) micro-ops + 16KB(D) on chip, per core
Secondary Cache:	2048KB(I+D) on chip, per core
L3 Cache:	N/A
Other Cache:	N/A
Memory:	4 x 512MB (dual-ranked) ECC 533MHz DDR2 SDRAM
Disk Subsystem:	1 x 36GB SCSI 15000 RPM
Other Hardware:	None

Software

Operating System:	Windows 2003 Server, Standard Edition, Service Pack 1
Compiler:	Intel C/C++ Compiler 9.0 for IA32(20051020Z) Intel Fortran Compiler 9.0 for IA32(20051020Z) Microsoft Visual Studio .NET 2003(7.1.3088) MicroQuill SmartHeap Library 8.0
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
GENERAL
  ONESTEP=yes
  +FDO:   PASS1=-Qprof_gen  PASS2=-Qprof_use
PORTABILITY
  178.galgel:   -FI /F32000000
BASE TUNING
  FORTRAN:      -fast -Qansi_alias +FDO
  177.mesa:     -fast +FDO shlW32M.lib
  179.art:      -fast +FDO shlW32M.lib
  183.equake:   -fast +FDO shlW32M.lib
  188.ammp:     -fast +FDO shlW32M.lib
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
```

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Notes/Tuning Information (Continued)

```
178.galgel:   basepeak=yes
179.art:      basepeak=yes
183.equake:   -fast -Oa -Qrcd +FDO shlW32M.lib
187.facerec:  -fast -Qunroll1 -Qscalar_rep- +FDO
188.ammp:     -fast -Oa shlW32M.lib
189.lucas:    basepeak=yes
191.fma3d:    basepeak=yes
200.sixtrack: -fast +FDO
301.apsi:     basepeak=yes
```