CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

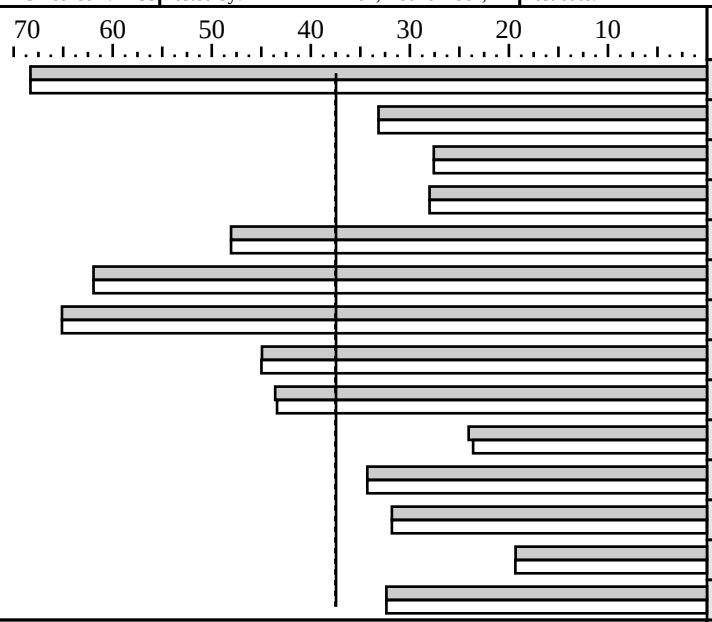
Dell

PowerEdge 840 (Intel Xeon processor 3050, 2.13GHz)

SPECfp_rate2000 = 37.5

SPECfp_rate_base2000 = 37.5

SPEC license #: 55 | Tested by: Dell, Round Rock, TX | Test date: Jul-2006 | Hardware Avail: Sep-2006 | Software Avail: May-2006



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	2	54.3	68.3	2	54.3	68.3
171.swim	2	217	33.2	2	217	33.2
172.mgrid	2	151	27.6	2	151	27.6
173.applu	2	174	28.0	2	174	28.0
177.mesa	2	67.6	48.1	2	67.6	48.1
178.galgel	2	109	61.9	2	109	61.9
179.art	2	92.6	65.1	2	92.6	65.1
183.equake	2	67.1	44.9	2	67.0	45.0
187.facerec	2	101	43.6	2	102	43.4
188.ammp	2	212	24.1	2	216	23.6
189.lucas	2	135	34.3	2	135	34.3
191.fma3d	2	153	31.8	2	153	31.8
200.sixtrack	2	132	19.3	2	132	19.3
301.apsi	2	186	32.4	2	186	32.4

Hardware

CPU:	Intel Xeon processor 3050 (1066MHz system bus)
CPU MHz:	2133
FPU:	Integrated
CPU(s) enabled:	2 cores, 1 chip, 2 cores/chip
CPU(s) orderable:	1
Parallel:	No
Primary Cache:	32KB(I) + 32KB(D) on chip, per core
Secondary Cache:	2048KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	4 x 1GB DDR2-667 Dual Ranked SDRAM
Disk Subsystem:	1 x 73GB SAS 10000 RPM
Other Hardware:	None

Software

Operating System:	Microsoft Windows Server 2003 Enterprise x64 Edition + SP1 (64-bit)
Compiler:	Intel C++ Compiler 9.1 for IA32(20060323Z) Intel Fortran Compiler 9.1 for IA32(20060323Z) 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:    basepeak=yes
  177.mesa:     basepeak=yes
```

Copyright ©1999-2005, Standard Performance Evaluation Corporation

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
```