CFP2000 Result

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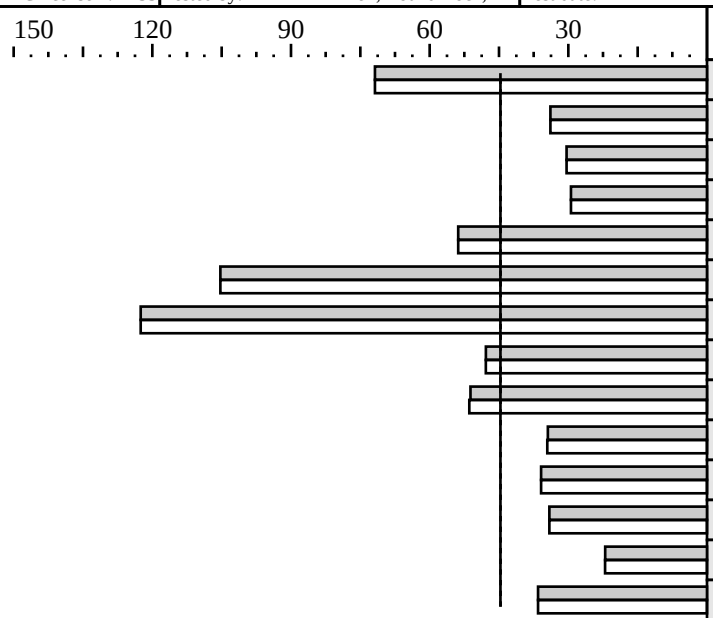
Dell

PowerEdge 840 (Intel Xeon processor 3060, 2.40GHz)

SPECfp_rate2000 = 44.7

SPECfp_rate_base2000 = 44.7

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	51.7	71.8	2	51.7	71.8
171.swim	2	212	33.9	2	212	33.9
172.mgrid	2	137	30.4	2	137	30.4
173.applu	2	166	29.4	2	166	29.4
177.mesa	2	60.3	53.8	2	60.3	53.8
178.galgel	2	63.9	105	2	63.9	105
179.art	2	49.2	123	2	49.2	123
183.equake	2	63.0	47.8	2	63.0	47.8
187.facerec	2	86.1	51.2	2	85.7	51.4
188.ammp	2	148	34.4	2	148	34.6
189.lucas	2	129	35.9	2	129	35.9
191.fma3d	2	143	34.1	2	143	34.1
200.sixtrack	2	116	22.0	2	116	22.1
301.apsi	2	165	36.6	2	165	36.6

Hardware

CPU:	Intel Xeon processor 3060 (1066MHz system bus)
CPU MHz:	2400
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:	4096KB(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
```

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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
```