CFP2000 Result

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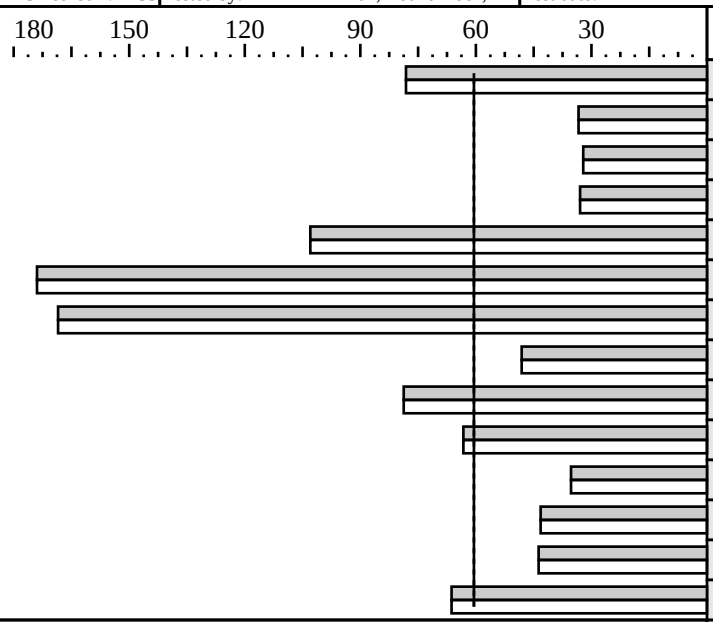
Dell

PowerEdge 840 (Intel Xeon processor X3220, 2.40GHz)

SPECfp_rate2000 = 60.5

SPECfp_rate_base2000 = 60.5

SPEC license #: 55 | Tested by: Dell, Round Rock, TX | Test date: Jan-2007 | Hardware Avail: Jan-2007 | Software Avail: May-2006



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	4	95.0	78.1	4	95.0	78.1
171.swim	4	431	33.3	4	431	33.3
172.mgrid	4	260	32.1	4	260	32.1
173.applu	4	296	32.9	4	296	32.9
177.mesa	4	63.1	103	4	63.1	103
178.galgel	4	77.4	174	4	77.4	174
179.art	4	71.6	168	4	71.6	168
183.equake	4	125	48.1	4	125	48.1
187.facerec	4	112	78.7	4	112	78.7
188.ammp	4	161	63.2	4	161	63.2
189.lucas	4	263	35.3	4	263	35.3
191.fma3d	4	226	43.2	4	226	43.2
200.sixtrack	4	117	43.7	4	117	43.7
301.apsi	4	182	66.3	4	182	66.3

Hardware

CPU:	Intel Xeon processor X3220 (1066MHz system bus)
CPU MHz:	2400
FPU:	Integrated
CPU(s) enabled:	4 cores, 1 chip, 4 cores/chip
CPU(s) orderable:	1
Parallel:	No
Primary Cache:	32KB(I) + 32KB(D) on chip per core
Secondary Cache:	8 MB I+D on chip (4 MB shared per 2 cores)
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 Standard Edition
Compiler:	Intel C++ Compiler 9.1 for IA32(20060519Z) Intel Fortran Compiler 9.1 for IA32(20060519Z) 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
Adjacent Sector Prefetch disabled in BIOS, default enabled
```