CFP2000 Result

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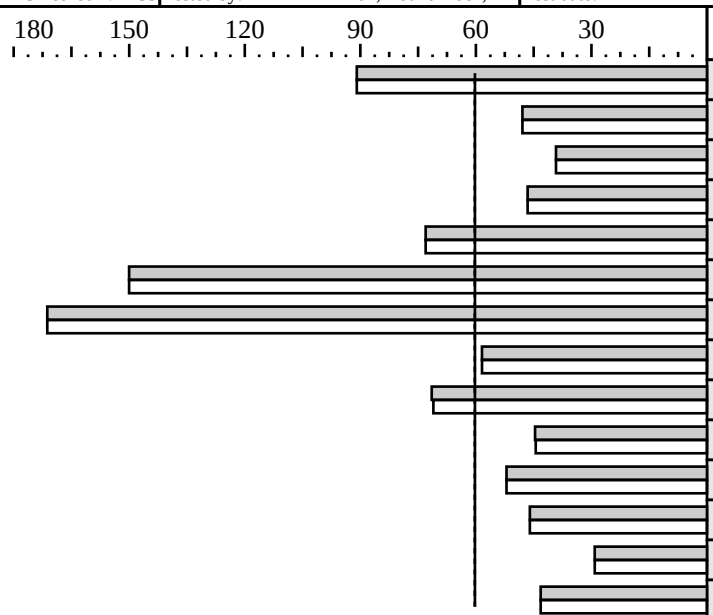
Dell

PowerEdge 2950 (Intel Xeon 5110 Processor, 1.60GHz)

SPECfp_rate2000 = 60.2

SPECfp_rate_base2000 = 60.3

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	4	81.7	90.9	4	81.7	90.9
171.swim	4	300	47.9	4	300	47.9
172.mgrid	4	213	39.2	4	213	39.2
173.applu	4	209	46.6	4	209	46.6
177.mesa	4	88.9	73.0	4	88.9	73.0
178.galgel	4	89.7	150	4	89.7	150
179.art	4	70.4	171	4	70.4	171
183.equake	4	103	58.4	4	103	58.4
187.facerec	4	123	71.5	4	124	71.0
188.ammp	4	229	44.6	4	230	44.5
189.lucas	4	178	52.1	4	178	52.1
191.fma3d	4	212	46.0	4	212	46.0
200.sixtrack	4	175	29.2	4	175	29.1
301.apsi	4	279	43.2	4	279	43.2

Hardware

CPU:	Intel Xeon Processor 5110 (1066MHz system bus)
CPU MHz:	1600
FPU:	Integrated
CPU(s) enabled:	4 cores, 2 chips, 2 cores/chip
CPU(s) orderable:	1,2
Parallel:	No
Primary Cache:	32KB(I) + 32KB(D) on chip, per core
Secondary Cache:	4096KB(I+D) on chip, shared
L3 Cache:	N/A
Other Cache:	N/A
Memory:	8 x 1GB 667MHz ECC CL5 DDR2 FB-DIMM
Disk Subsystem:	6 x 146GB 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:	ext3
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
```