## Dell Inc.

**PowerEdge 2950 (Intel Xeon processor 5150, 2.66GHz)**

### Software

- **Operating System:** Red Hat Enterprise Linux 4 Advanced Server Update
- **Compiler:** Intel C++ Compiler for Intel EM64T-based applications, Version 9.1
  - Package ID `1_cc_c_9.1.045` Build no `20061101`
  - Intel Fortran Compiler for Intel EM64T-based applications, Version 9.1
  - Package ID `1_fc_c_9.1.040` Build no `20061101`
- **Auto Parallel:** No

### Hardware

- **CPU Name:** Intel Xeon 5150
- **CPU Characteristics:** 1333 MHz Bus Speed
- **CPU MHz:** 2666
- **FPU:** Integrated
- **CPU(s) enabled:** 4 cores, 2 chips, 2 cores/chip
- **CPU(s) orderable:** 1.2 chips
- **Primary Cache:** 32 KB L1 + 32 KB D on chip per core
- **Secondary Cache:** 4 MB I+D on chip per chip

### SPECfp®_rate2006 = Not Run

- **SPECfp_rate_base2006 = 40.7**

### Test Details

- **CPU2006 license:** 55
- **Test sponsor:** Dell Inc.
- **Tested by:** Dell Inc.
- **Test date:** Mar-2007
- **Hardware Availability:** Jul-2006
- **Software Availability:** Nov-2006

### Benchmark Results

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SPEC CFP2006 Result

Dell Inc.

PowerEdge 2950 (Intel Xeon processor 5150, 2.66GHz)

SPECfp_rate2006 = Not Run
SPECfp_rate_base2006 = 40.7

CPU2006 license: 55
Test sponsor: Dell Inc.
Tested by: Dell Inc.

Test date: Mar-2007
Hardware Availability: Jul-2006
Software Availability: Nov-2006

L3 Cache: None
Other Cache: None
Memory: 16 GB (8 x 2 GB 667MHz CL5 DDR2 FB-DIMM SDRAM)
Disk Subsystem: 1 x 73 GB SAS 15k RPM
Other Hardware: None

File System: ext3
System State: Run level 3
Base Pointers: 64-bit
Peak Pointers: Not Applicable
Other Software: None

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Results appear in the order in which they were run. Bold underlined text indicates a median measurement.

Platform Notes

Snoop Filter enabled in BIOS
"ulimit -s unlimited" set

Base Compiler Invocation

C benchmarks:
  icc
C++ benchmarks:
  icpc

Continued on next page
SPEC CFP2006 Result

Dell Inc.
PowerEdge 2950 (Intel Xeon processor 5150, 2.66GHz)

SPECfp\_rate2006 = Not Run
SPECfp\_rate\_base2006 = 40.7

CPU2006 license: 55
Test sponsor: Dell Inc.
Test date: Mar-2007
Hardware Availability: Jul-2006
Tested by: Dell Inc.
Software Availability: Nov-2006

Base Compiler Invocation (Continued)

Fortran benchmarks:
ifort

Benchmarks using both Fortran and C:
icc ifort

Base Portability Flags

410.bwaves: -DSPEC\_CPU\_LP64
416.gamess: -DSPEC\_CPU\_LP64
433.milc: -DSPEC\_CPU\_LP64
434.zeusmp: -DSPEC\_CPU\_LP64
435.gromacs: -DSPEC\_CPU\_LP64 -nofor\_main
436.cactusADM: -DSPEC\_CPU\_LP64 -nofor\_main
437.leslie3d: -DSPEC\_CPU\_LP64
444.namd: -DSPEC\_CPU\_LP64
447.dealII: -DSPEC\_CPU\_LP64
450.soplex: -DSPEC\_CPU\_LP64
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454.calculix: -DSPEC\_CPU\_LP64 -nofor\_main
459.GemsFD\_TD: -DSPEC\_CPU\_LP64
465.tonto: -DSPEC\_CPU\_LP64
470.lbm: -DSPEC\_CPU\_LP64
481.wrf: -DSPEC\_CPU\_LP64 -DSPEC\_CPU\_CASE\_FLAG -DSPEC\_CPU\_LINUX
482.sphinx3: -DSPEC\_CPU\_LP64

Base Optimization Flags

C benchmarks:
-\texttt{fast}

C++ benchmarks:
-\texttt{fast}

Fortran benchmarks:
-\texttt{fast}

Benchmarks using both Fortran and C:
-\texttt{fast}

The flags file that was used to format this result can be browsed at
http://www.spec.org/cpu2006/flags/dell-ic91-flags.html

You can also download the XML flags source by saving the following link:
http://www.spec.org/cpu2006/flags/dell-ic91-flags.xml
# SPEC CFP2006 Result

## Dell Inc.

**PowerEdge 2950 (Intel Xeon processor 5150, 2.66GHz)**

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For questions about this result, please contact the tester.

For other inquiries, please contact webmaster@spec.org.

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