**Hewlett-Packard Company**

**ProLiant DL140 G3**

(2.66 GHz, Intel Xeon processor X5355)

**SPEC® CFP2006 Result**

**SPECfp®_rate2006 = Not Run**

**SPECfp_rate_base2006 = 56.3**

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**Hardware**

<table>
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<tr>
<th>Software</th>
<th>Operating System: SuSE Linux Enterprise Server 10 (x86_64) kernel 2.6.16.21-0.8-smp</th>
<th>Compiler: Intel C++ Compiler for Intel EM64T-based applications, Version 9.1 Build 20070320, Package ID: 1_cc_c_9.1.049</th>
<th>Intel Fortran Compiler for Intel EM64T-based applications, Version 9.1 Build 20070320, Package ID: 1_fc_c_9.1.045</th>
<th>Auto Parallel: No</th>
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</table>

**CPU Name:** Intel Xeon X5355

**CPU Characteristics:** 2.66 GHz, 2 x 4 MB L2 shared, 1333 MHz system bus

**CPU MHz:** 2660

**FPU:** Integrated

**CPU(s) enabled:** 8 cores, 2 chips, 4 cores/chip

**CPU(s) orderable:** 1,2 chips

**Primary Cache:** 32 KB I + 32 KB D on chip per core

**Secondary Cache:** 8 MB I+D on chip per chip, 4 MB shared / 2 cores

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**Software**

**Operating System:** SuSE Linux Enterprise Server 10 (x86_64) kernel 2.6.16.21-0.8-smp

**Compiler:** Intel C++ Compiler for Intel EM64T-based applications, Version 9.1 Build 20070320, Package ID: 1_cc_c_9.1.049

**Intel Fortran Compiler for Intel EM64T-based applications, Version 9.1 Build 20070320, Package ID: 1_fc_c_9.1.045**

**Auto Parallel:** No

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**HPC**

**HPC Sponsor:** Hewlett-Packard Company

**HPC Date:** May-2007

**HPC Availability:** Jan-2007

**HPC Date:** Mar-2007

**HPC Tested by:** Hewlett-Packard Company

**HPC Software:** Hewlett-Packard Company

**HPC Hardware:** Hewlett-Packard Company

**HPC Platform:** Hewlett-Packard Company

**HPC Platform:** Hewlett-Packard Company

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**SPECfp_rate_base2006 = 56.3**

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**Copies**

**SPECfp_rate_base2006 = 56.3**

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**Hardware**

**Software**

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**Continued on next page**

**Continued on next page**
Hewlett-Packard Company

ProLiant DL140 G3
(2.66 GHz, Intel Xeon processor X5355)

SPEC CFP2006 Result

SPECfp_rate2006 = Not Run
SPECfp_rate_base2006 = 56.3

CPU2006 license: 3
Test sponsor: Hewlett-Packard Company
Tested by: Hewlett-Packard Company
Test date: May-2007
Hardware Availability: Jan-2007
Software Availability: Mar-2007

L3 Cache: None
Other Cache: None
Memory: 16 GB (8x2 GB PC2-5300F CL5)
Disk Subsystem: 1x36 GB 10 K SAS
Other Hardware: None

File System: ext2
System State: Multi-user 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
Adjacent Sector Prefetch Disabled in BIOS.
taskset utility used to bind CPU(s) to processes
ulimit -s unlimited set

Base Compiler Invocation
C benchmarks:
  icc
C++ benchmarks:
  icpc

Continued on next page
SPEC CFP2006 Result

Hewlett-Packard Company
ProLiant DL140 G3
(2.66 GHz, Intel Xeon processor X5355)

SPECfp_rate2006 = Not Run
SPECfp_rate_base2006 = 56.3

CPU2006 license: 3
Test sponsor: Hewlett-Packard Company
Tested by: Hewlett-Packard Company

Test date: May-2007
Hardware Availability: Jan-2007
Software Availability: Mar-2007

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
453.povray: -DSPEC_CPU_LP64
454.calculix: -DSPEC_CPU_LP64 -nofor_main
459.GemsFDTD: -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:
    -fast

C++ benchmarks:
    -fast

Fortran benchmarks:
    -fast

Benchmarks using both Fortran and C:
    -fast

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

You can also download the XML flags source by saving the following link:
http://www.spec.org/cpu2006/flags/hp-ic91-flags.xml
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For questions about this result, please contact the tester.
For other inquiries, please contact webmaster@spec.org.

Tested with SPEC CPU2006 v1.0.