



SPEC[®] CFP2006 Result

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Hewlett-Packard Company

(Test Sponsor: Intel Corporation)

SPECfp[®]2006 =

Not Run

HP dv2000 (Intel Core 2 Duo T7100)

SPECfp_base2006 =

11.1

CPU2006 license: 13

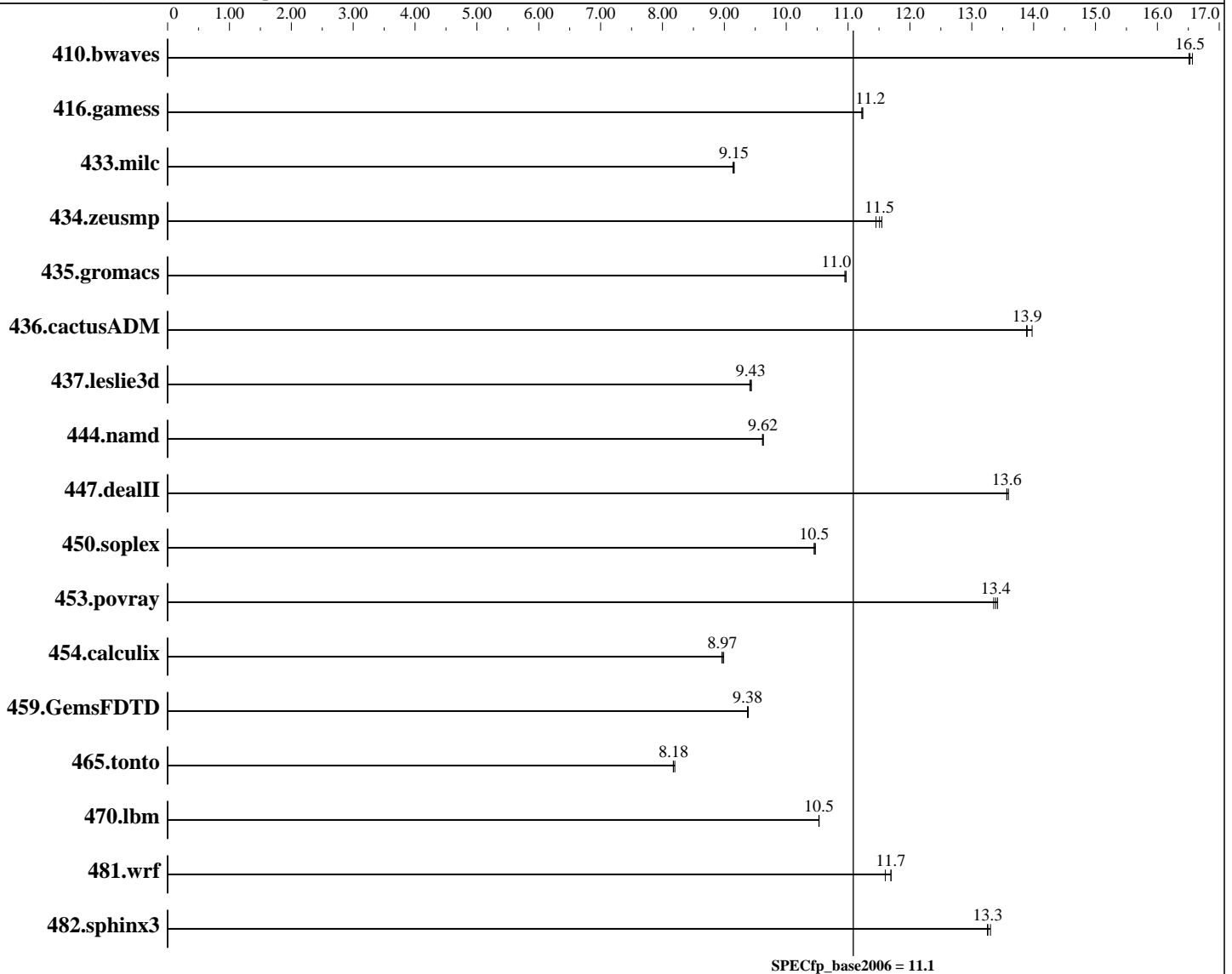
Test sponsor: Intel Corporation

Tested by: Intel Corporation

Test date: Jun-2007

Hardware Availability: Jun-2007

Software Availability: Feb-2007



Hardware

CPU Name: Intel Core 2 Duo T7100
 CPU Characteristics: 1.8 GHz 2MB L2
 CPU MHz: 1800
 FPU: Integrated
 CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip
 CPU(s) orderable: 1 chip
 Primary Cache: 32 KB I + 32 KB D on chip per core
 Secondary Cache: 2 MB I+D on chip per chip

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Software

Operating System: Windows Vista32 Business
 Compiler: Intel C++ Compiler for IA32 version 9.1
 Build no 20060816
 Intel Fortran Compiler for IA32 version 9.1
 Build no 20060816
 Microsoft Visual Studio .Net 2003 (for libraries)
 Auto Parallel: No
 File System: NTFS
 System State: Default

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L3 Cache: None
Other Cache: None
Memory: 2 GB (2x1GB Micron MT16HTF12864HY-667B3 DDR2-667 CL5)
Disk Subsystem: Fujitsu 120GB 5400rpm SATA HDD
Other Hardware: None

Base Pointers: 32-bit
Peak Pointers: Not Applicable
Other Software: SmartHeap Library Version 8.0 from <http://www.microquill.com/>

Results Table

Benchmark	Base						Peak					
	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
410.bwaves	822	16.5	820	16.6	823	16.5						
416.gamess	1742	11.2	1744	11.2	1745	11.2						
433.milc	1003	9.15	1002	9.16	1005	9.14						
434.zeusmp	791	11.5	788	11.5	795	11.5						
435.gromacs	651	11.0	651	11.0	652	10.9						
436.cactusADM	860	13.9	855	14.0	861	13.9						
437.leslie3d	996	9.44	999	9.41	997	9.43						
444.namd	833	9.63	833	9.62	834	9.62						
447.dealII	842	13.6	843	13.6	843	13.6						
450.soplex	796	10.5	798	10.5	798	10.5						
453.povray	396	13.4	398	13.4	397	13.4						
454.calculix	918	8.99	921	8.96	920	8.97						
459.GemsFDTD	1130	9.39	1132	9.37	1132	9.38						
465.tonto	1203	8.18	1204	8.17	1200	8.20						
470.lbm	1305	10.5	1305	10.5	1305	10.5						
481.wrf	955	11.7	963	11.6	955	11.7						
482.sphinx3	1465	13.3	1470	13.3	1471	13.3						

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

General Notes

Binaries built on Windows XP Professional w/ SP2
Vista Power Profile set to High Performance

Base Compiler Invocation

C benchmarks:
icl -Qvc7.1 -Qc99

C++ benchmarks:
icl -Qvc7.1

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Base Compiler Invocation (Continued)

Fortran benchmarks:

ifort

Benchmarks using both Fortran and C:

icl -Qvc7.1 -Qc99 ifort

Base Portability Flags

436.cactusADM: -Qlowercase /assume:underscore

444.namd: -TP

447.dealII: -DDEAL_II_MEMBER_VAR_SPECIALIZATION_BUG
-DBOOST_NO_INTRINSIC_WCHAR_T

453.povray: -DSPEC_CPU_WINDOWS_ICL

454.calculix: -DSPEC_CPU_NOZMODIFIER -Qlowercase

481.wrf: -DSPEC_CPU_WINDOWS_ICL

Base Optimization Flags

C benchmarks:

-fast /F950000000 shlw32m.lib -link /FORCE:MULTIPLE

C++ benchmarks:

-fast -Qcxx_features /F950000000 shlw32m.lib
-link /FORCE:MULTIPLE

Fortran benchmarks:

-fast /F950000000 -link /FORCE:MULTIPLE

Benchmarks using both Fortran and C:

-fast /F950000000 -link /FORCE:MULTIPLE

The flags file that was used to format this result can be browsed at

<http://www.spec.org/cpu2006/flags/Intel-ic91-ia32-flags.20090714.html>

You can also download the XML flags source by saving the following link:

<http://www.spec.org/cpu2006/flags/Intel-ic91-ia32-flags.20090714.xml>



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