SPEC® CFP2006 Result

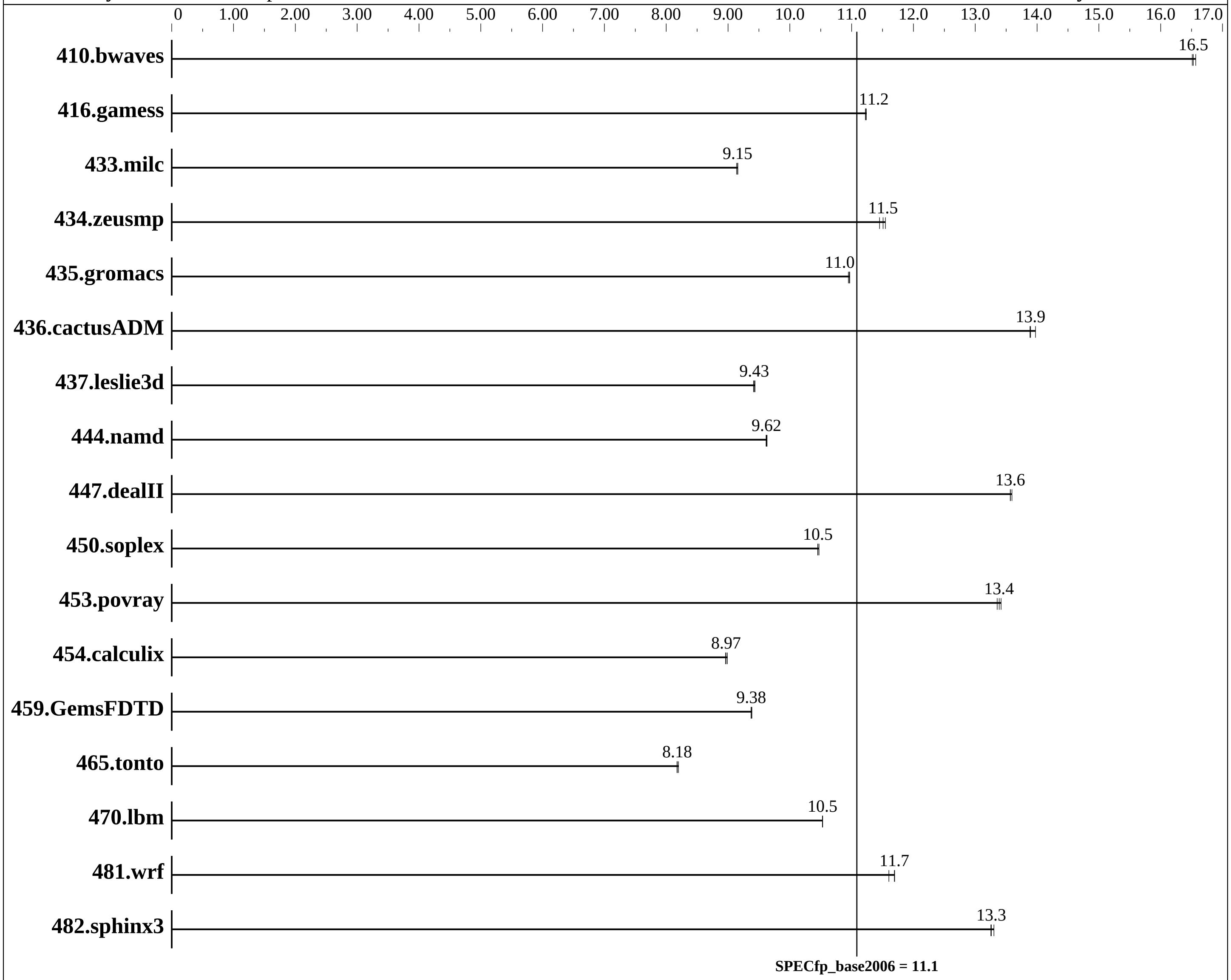
Hewlett-Packard Company
(Test Sponsor: Intel Corporation)

HP dv2000 (Intel Core 2 Duo T7100)

SPECfp®2006 = Not Run

SPECfp_base2006 = 11.1

CPU2006 license: 13		**Test date:**	Jun-2007
Test sponsor:	Intel Corporation	**Hardware Availability:**	Jun-2007
Tested by:	Intel Corporation	**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

	Base						Peak					
Benchmark	**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

For questions about this result, please contact the tester.
For other inquiries, please contact webmaster@spec.org.

Tested with SPEC CPU2006 v1.0.
Report generated on Tue Jul 22 12:43:51 2014 by SPEC CPU2006 PS/PDF formatter v6932.
Originally published on 8 August 2007.