SPEC® CINT2006 Result
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Maxdata AG
(Test Sponsor: Maxdata)

FAVORIT 5000 I
(2.2 GHz, Intel Core 2 Duo processor E4500)

$SPECint^®\_rate2006 =$ 23.0

$SPECint\_rate\_base2006 =$ 22.0

CPU2006 license: 3168

Test sponsor:	Maxdata
Tested by:	Maxdata

Test date: Mar-2008
Hardware Availability: Mar-2008
Software Availability: Mar-2008

Copies: 0 2.00 4.00 6.00 8.00 10.0 12.0 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 46.0

Benchmark	Copies	Peak	Base
400.perlbench	2 / 2	34.9	30.8
401.bzip2	2 / 2	17.3	16.8
403.gcc	2 / 2	13.2	12.8
429.mcf	2 / 2	22.9	24.0
445.gobmk	2 / 2	31.5	28.3
456.hmmer	2 / 2	18.8	18.4
458.sjeng	2 / 2	27.8	26.5
462.libquantum	2 / 2	18.3	18.1
464.h264ref	2 / 2	45.2	39.8
471.omnetpp	2 / 2	18.2	16.9
473.astar	2 / 2	16.8	17.1
483.xalancbmk	2 / 2	28.7	28.6

SPECint_rate_base2006 = 22.0
SPECint_rate2006 = 23.0

Hardware

CPU Name:	Intel Core 2 Duo E4500
CPU Characteristics:	2.2 GHz, 800 MHz bus
CPU MHz:	2200
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
L3 Cache:	None
Other Cache:	None
Memory:	2 GB (2 1GB DDR2 667 CL5-5-5)
Disk Subsystem:	Seagate ST3160815AS 160GB NCQ Serial ATA (7200 RPM, 8MB cache)
Other Hardware:	None

Software

Operating System:	Windows XP Professional SP2
Compiler:	Intel C++ and Fortran Compiler 9.1 for IA32 Build 20060816Z
Auto Parallel:	No
File System:	NTFS
System State:	Default
Base Pointers:	32-bit
Peak Pointers:	32-bit
Other Software:	None

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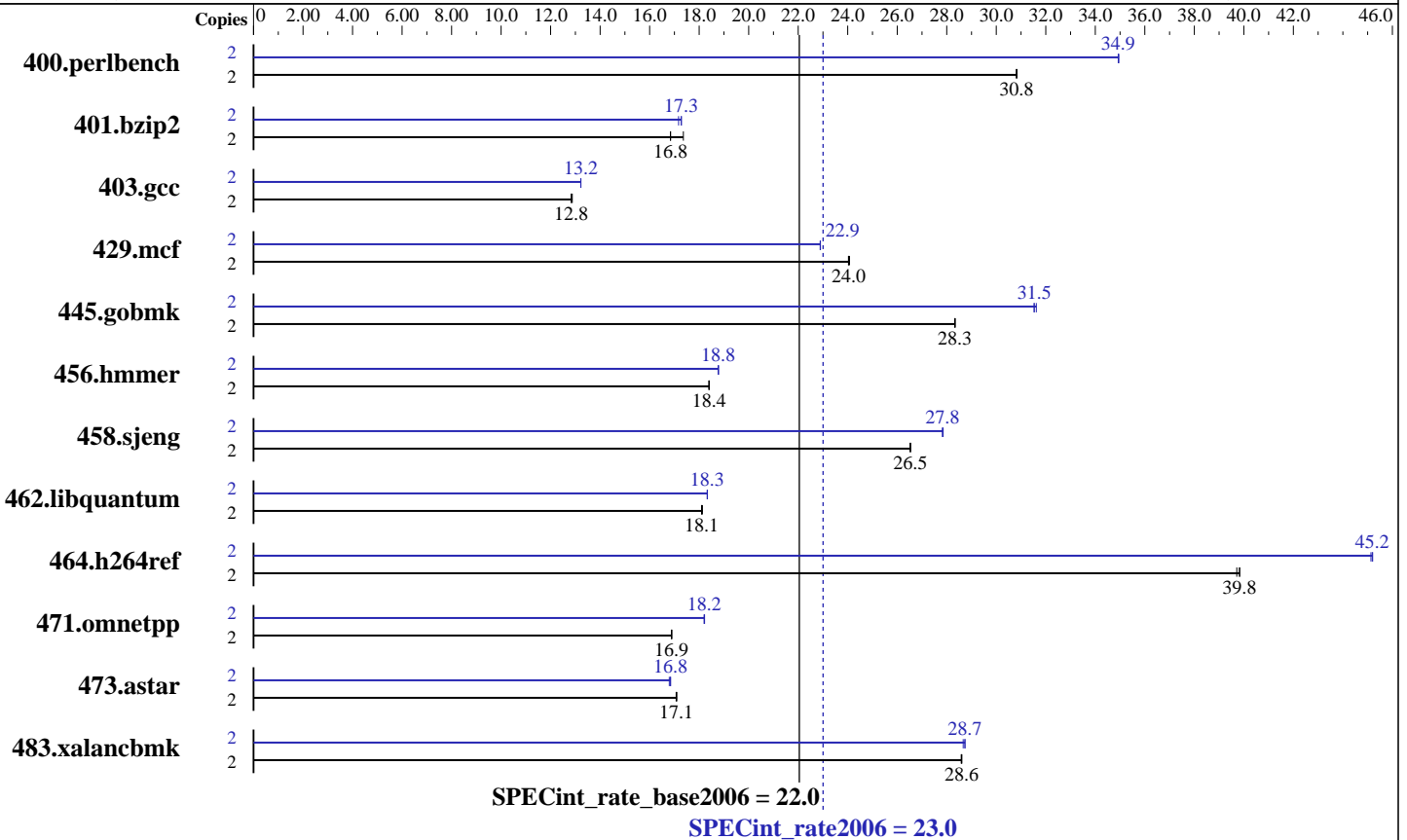$SPECint\_rate\_base2006 =$ 22.0

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Results Table

Benchmark	Copies	Base Seconds	Ratio	Seconds	Ratio	Seconds	Ratio	Copies	Peak Seconds	Ratio	Seconds	Ratio	Seconds	Ratio
400.perlbench	2	**634**	**30.8**	634	30.8	634	30.8	2	**559**	**34.9**	559	35.0	559	34.9
401.bzip2	2	1112	17.4	**1146**	**16.8**	1146	16.8	2	1124	17.2	1117	17.3	**1117**	**17.3**
403.gcc	2	**1254**	**12.8**	1251	12.9	1254	12.8	2	1218	13.2	**1218**	**13.2**	1218	13.2
429.mcf	2	**759**	**24.0**	759	24.0	758	24.1	2	**797**	**22.9**	797	22.9	797	22.9
445.gobmk	2	**741**	**28.3**	740	28.3	741	28.3	2	664	31.6	**665**	**31.5**	665	31.5
456.hmmer	2	1014	18.4	**1014**	**18.4**	1014	18.4	2	994	18.8	994	18.8	**994**	**18.8**
458.sjeng	2	912	26.5	**912**	**26.5**	913	26.5	2	869	27.9	870	27.8	**870**	**27.8**
462.libquantum	2	**2289**	**18.1**	2290	18.1	2286	18.1	2	2261	18.3	**2261**	**18.3**	2261	18.3
464.h264ref	2	**1111**	**39.8**	1111	39.8	1114	39.7	2	**979**	**45.2**	979	45.2	981	45.1
471.omnetpp	2	740	16.9	**740**	**16.9**	740	16.9	2	686	18.2	**686**	**18.2**	687	18.2
473.astar	2	822	17.1	821	17.1	**822**	**17.1**	2	**834**	**16.8**	836	16.8	834	16.8
483.xalancbmk	2	483	28.6	482	28.6	**483**	**28.6**	2	**480**	**28.7**	481	28.7	480	28.7

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

General Notes

    Memory timings set manually to DDR2-800 5-5-5-15 in the bios

Base Compiler Invocation

C benchmarks:
    icl -Qvc7.1 -Qc99

C++ benchmarks:
    icl -Qvc7.1

Base Portability Flags

        403.gcc: -DSPEC_CPU_WIN32
    464.h264ref: -DSPEC_CPU_NO_INTTYPES -DWIN32

Base Optimization Flags

C benchmarks:
    -fast /F512000000 shlw32m.lib   -link /FORCE:MULTIPLE

C++ benchmarks:
    -fast -Qcxx_features /F512000000 shlw32m.lib
              -link /FORCE:MULTIPLE

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Base Other Flags

C benchmarks:

    403.gcc: `-Dalloca=_alloca`

Peak Compiler Invocation

C benchmarks:
    `icl -Qvc7.1 -Qc99`

C++ benchmarks:
    `icl -Qvc7.1`

Peak Portability Flags

    403.gcc: `-DSPEC_CPU_WIN32`
    464.h264ref: `-DSPEC_CPU_NO_INTTYPES -DWIN32`

Peak Optimization Flags

C benchmarks:
    `-Qprof_gen`(pass 1) `-Qprof_use`(pass 2) `-fast /F512000000 shlw32m.lib`
            `-link /FORCE:MULTIPLE`

C++ benchmarks:
    `-Qprof_gen`(pass 1) `-Qprof_use`(pass 2) `-fast -Qcxx_features`
    `/F512000000 shlw32m.lib`   `-link /FORCE:MULTIPLE`

Peak Other Flags

C benchmarks:

    403.gcc: `-Dalloca=_alloca`

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

You can also download the XML flags source by saving the following link:
`http://www.spec.org/cpu2006/flags/Intel-ic91-flags.xml`

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