CINT2000 Result

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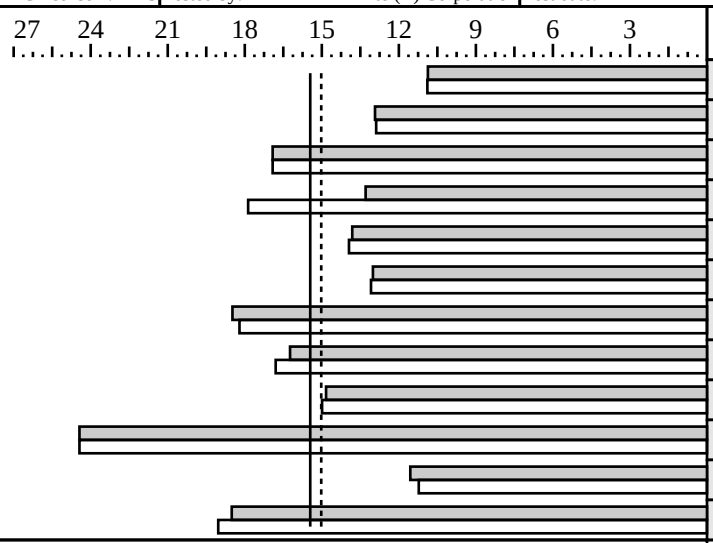
IBM Corporation

IBM Thinkpad T43 Type 1871-48U(1.60 GHz, Pentium(R) M processor 730)

SPECint_rate2000 = 15.5

SPECint_rate_base2000 = 15.0

SPEC license #: 13 | Tested by: Intel(R) Corporation | Test date: Dec-2005 | Hardware Avail: Feb-2005 | Software Avail: Apr-2005



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	299	10.9	2	298	10.9
175.vpr	2	251	12.9	2	252	12.9
176.gcc	2	151	16.9	2	151	16.9
181.mcf	2	314	13.3	2	234	17.9
186.crafty	2	168	13.8	2	166	13.9
197.parser	2	321	13.0	2	319	13.1
252.eon	2	163	18.5	2	166	18.2
253.perlbmk	2	257	16.2	2	249	16.8
254.gap	2	172	14.8	2	170	15.0
255.vortex	2	180	24.4	2	180	24.4
256.bzip2	2	301	11.6	2	310	11.2
300.twolf	2	376	18.5	2	366	19.0

Hardware

CPU:	Intel(R) Pentium(R) M processor 730 (1.60 GHz, 533 MHz bus)
CPU MHz:	1600
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip
CPU(s) orderable:	1
Parallel:	No
Primary Cache:	32KBI + 32KBD on chip
Secondary Cache:	2MB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	2x512 MB Samsung PC2-4200 DDR2-533 4-4-4-12 (tCL-tRCD-tRP-tRASmin)
Disk Subsystem:	Hitachi Travelstar 60GB 7200RPM
Other Hardware:	N/A

Software

Operating System:	Windows XP Professional SP2
Compiler:	Intel C++ Compiler 9.0 for 32-bit applications Build 20050430Z (32-bit) Microsoft Visual Studio .Net 2003(for libraries) SmartHeap Library Version 7.4 from http://www.microquill.com/
File System:	NTFS
System State:	Default

Notes/Tuning Information

```
+FDO: PASS1=-Qprof_gen  PASS2=-Qprof_use
Base tuning for C programs:   -Qipo -QxB +FDO shlW32M.lib
Base tuning for C++ programs: -Qipo -QxB -Qcxx_features +FDO
Portability flags:
176.gcc: -Dalloca=_alloca /F10000000
186.crafy: -DNT_i386
253.perlbmk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
254.gap: -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO
Peak tuning:
164.gzip:     -O3 -Qipo -QxB -Qansi_alias -Oa  +FDO
175.vpr:      -O3 -Qipo -QxB -Qansi_alias +FDO
176.gcc:      basepeak=yes
181.mcf:      -O3 -Qipo -QxB -Qansi_alias +FDO
186.crafty:   -O3 -Qipo -QxB -Qansi_alias -Oa +FDO
197.parser:   -O3 -Qipo -QxB -Qansi_alias  +FDO
252.eon:      -O3 -Qipo -QxB +FDO
253.perlbmk:  -O3 -Qipo -QxB -Qansi_alias +FDO shlW32M.lib
254.gap:      -O3 -Qipo -QxB -Qunroll1 -Zp8 +FDO
255.vortex    basepeak=yes
256.bzip2:   -O3 -Qipo -QxB -Oa -Qunroll1 +FDO
```

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Notes/Tuning Information (Continued)

```
300.twolf:    -O3 -Qipo -QxB -O3 +FDO shlW32M.lib
The system bus runs at 533 MHz
AC power, OS Power Management Mode set to Always On
```