CINT2000 Result

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IBM Corporation

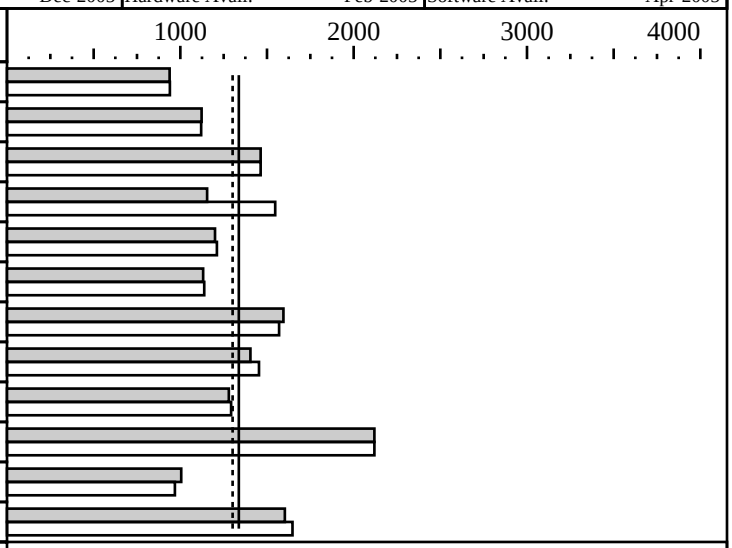
IBM Thinkpad T43 Type 1871-48U(1.60 GHz, Pentium(R) M processor 730)

SPECint2000 = 1337

SPECint_base2000 = 1302

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	149	938	149	940
175.vpr	1400	125	1123	125	1120
176.gcc	1100	75.2	1463	75.2	1463
181.mcf	1800	156	1155	116	1547
186.crafty	1000	83.3	1200	82.6	1211
197.parser	1800	159	1132	158	1138
252.eon	1300	81.5	1595	82.8	1570
253.perlbmk	1800	128	1404	124	1454
254.gap	1100	86.0	1280	85.1	1293
255.vortex	1900	89.6	2120	89.6	2120
256.bzip2	1500	149	1005	155	969
300.twolf	3000	187	1603	182	1647



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
```