# CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

## Lenovo

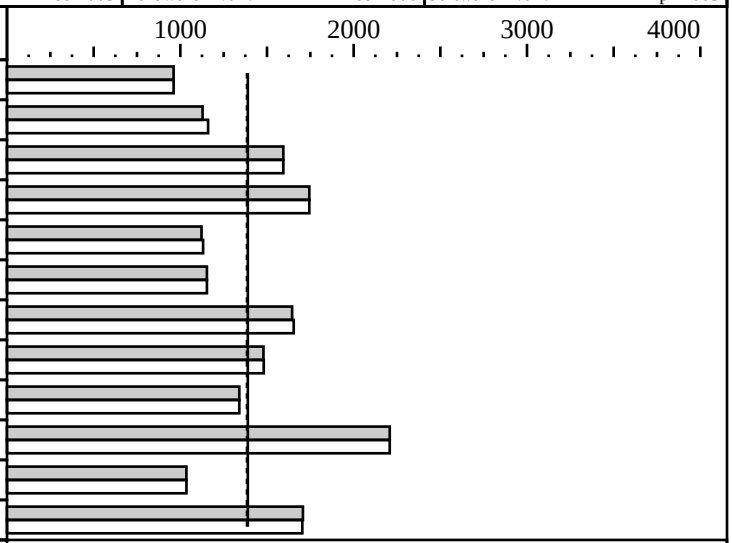
Lenovo Thinkpad T60 Type 1951-IXU( 1.667 GHz, Intel(R) Core Duo processor T2300)

SPECint2000 = 1389

SPECint_base2000 = 1385

SPEC license #: 13 | Tested by: Intel(R) Corporation | Test date: Dec-2005 | Hardware Avail: Feb-2006 | Software Avail: Apr-2005

| Benchmark | Reference Time | Base Runtime | Base Ratio | Runtime | Ratio |
|---|---|---|---|---|---|
| 164.gzip | 1400 | 146 | 961 | 146 | 961 |
| 175.vpr | 1400 | 124 | 1128 | 121 | 1160 |
| 176.gcc | 1100 | 69.0 | 1594 | 69.0 | 1594 |
| 181.mcf | 1800 | 103 | 1744 | 103 | 1744 |
| 186.crafty | 1000 | 89.1 | 1122 | 88.4 | 1131 |
| 197.parser | 1800 | 156 | 1153 | 156 | 1153 |
| 252.eon | 1300 | 79.0 | 1645 | 78.6 | 1654 |
| 253.perlbmk | 1800 | 122 | 1480 | 122 | 1481 |
| 254.gap | 1100 | 82.1 | 1340 | 82.1 | 1340 |
| 255.vortex | 1900 | 86.0 | 2208 | 86.0 | 2208 |
| 256.bzip2 | 1500 | 145 | 1035 | 145 | 1035 |
| 300.twolf | 3000 | 176 | 1707 | 176 | 1704 |




### Hardware

| | |
|---|---|
| CPU: | Intel(R) Core Duo processor T2300 ( 1.667 GHz, 667 MHz bus) |
| CPU MHz: | 1667 |
| FPU: | Integrated |
| CPU(s) enabled: | 2 cores, 1 chip, 2 cores/chip |
| CPU(s) orderable: | 1 |
| Parallel: | No |
| Primary Cache: | 32KBI + 32KBD on chip per core |
| Secondary Cache: | 2MB(I+D) on chip shared by two cores |
| 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: | Seagate SATA 100GB 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)<br>Microsoft Visual Studio .Net 2003(for libraries)<br>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:   -fast +FDO shlW32M.lib
Base tuning for C++ programs: -fast -Qcxx_features +FDO shlW32M.lib
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:     -fast -Qansi_alias -Oa  +FDO
175.vpr:      -fast -Qansi_alias +FDO
176.gcc:      basepeak=yes
181.mcf:      basepeak=yes
186.crafty:   -fast -Qansi_alias -Oa +FDO
197.parser:   -fast -Qansi_alias  +FDO
252.eon:      -fast +FDO
253.perlbmk:  -fast -Qansi_alias +FDO shlW32M.lib
254.gap:      basepeak=yes
255.vortex    basepeak=yes
256.bzip2:   -fast -Oa -Qunroll1 +FDO
```

Copyright ©1999-2005, Standard Performance Evaluation Corporation



## Notes/Tuning Information (Continued)

```
300.twolf:    -fast -O3 +FDO shlW32M.lib
The system bus runs at 667 MHz
AC power, OS Power Management Mode set to Always On
```