



# CINT2000 Result

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## 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-tRC-D-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)  
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: -fast +FDO shlw32M.lib
Base tuning for C++ programs: -fast -Qcxx_features +FDO shlw32M.lib
Portability flags:
176.gcc: -Dalloca=_alloca /F10000000
186.crafty: -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
```



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## 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