



# CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

## 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.perlbnk	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.crafty: -DNT_i386
253.perlbnk: -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.perlbnk: -O3 -Qipo -QxB -Qansi_alias +FDO shlw32M.lib
254.gap: -O3 -Qipo -QxB -Qunroll11 -Zp8 +FDO
255.vortex: basepeak=yes
256.bzip2: -O3 -Qipo -QxB -Oa -Qunroll11 +FDO
```



# CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

**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

## 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