



# CINT2000 Result

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## Intel(R) Corporation

Intel(R) D955XBK motherboard( 3.20 GHz, Intel(R) Pentium(R) processor Extreme Edition supporting Hyper-Threading Technology)

### SPECint\_rate2000 = 33.5

### SPECint\_rate\_base2000 = 33.5

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	4	197	33.0	4	199	32.6
175.vpr	4	329	19.8	4	327	19.9
176.gcc	4	133	38.2	4	133	38.2
181.mcf	4	388	21.5	4	388	21.5
186.crafty	4	163	28.5	4	163	28.5
197.parser	4	244	34.3	4	243	34.4
252.eon	4	130	46.6	4	130	46.3
253.perlbnk	4	201	41.5	4	202	41.4
254.gap	4	124	41.3	4	124	41.3
255.vortex	4	152	58.0	4	152	58.0
256.bzip2	4	242	28.8	4	242	28.8
300.twolf	4	489	28.4	4	489	28.4

### Hardware

CPU: Intel(R) Pentium(R) processor Extreme Edition supporting Hyper-Threading Technology (3.20 GHz, 800 MHz bus)  
CPU MHz: 3200  
FPU: Integrated  
CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip (Hyper-Threading Technology enabled)  
CPU(s) orderable: 1  
Parallel: No  
Primary Cache: 12k micro-ops I + 16KBD per core  
Secondary Cache: 1MB(I+D) per core  
L3 Cache: N/A  
Other Cache: N/A  
Memory: 1 GB (2 512MB Micron MT16HTF6464AY-667B3 DDR2 667 CL5-5-5 DIMMs)  
Disk Subsystem: Seagate ST3160023AS 160 GB Serial ATA (7200 RPM, 8MB cache)  
Other Hardware: N/A

### Software

Operating System: Windows XP Professional SP2  
Compiler: Intel(R) C++ Compiler 9.0 for 32-bit Build 20050430Z  
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.perlbnk: -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.perlbnk: -fast -Qansi_alias +FDO shlw32M.lib
254.gap: basepeak=yes
255.vortex: basepeak=yes
256.bzip2: -fast -Oa -Qunroll11 +FDO
```



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## Notes/Tuning Information (Continued)

300.twolf: -fast -O3 +FDO shlw32M.lib

Tested systems can be used with Shin-G ATX case, Antec NeoPower 480W power supply

The system bus runs at 800 MHz