



# CINT2000 Result

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## Intel(R) Corporation

Intel(R) D955XBK motherboard (3.73 GHz, Intel(R) Pentium(R) 4 processor Extreme Edition supporting Hyper-Threading Technology)

SPECint2000 = 1830

SPECint\_base2000 = 1833

SPEC license #: 13 Tested by: Intel(R) Corporation Test date: Oct-2005 Hardware Avail: Apr-2005 Software Avail: Sep-2004

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	112	1249	114	1232	
175.vpr	1400	112	1255	111	1267	
176.gcc	1100	50.3	2188	50.3	2188	
181.mcf	1800	82.1	2193	82.1	2193	
186.crafty	1000	72.6	1377	73.2	1366	
197.parser	1800	116	1557	116	1558	
252.eon	1300	55.2	2356	55.5	2342	
253.perlbnk	1800	80.3	2241	80.3	2241	
254.gap	1100	53.6	2052	53.6	2052	
255.vortex	1900	61.4	3097	61.4	3097	
256.bzip2	1500	107	1401	107	1401	
300.twolf	3000	158	1900	158	1900	

### Hardware

CPU: Intel(R) Pentium(R) 4 processor Extreme Edition supporting Hyper-Threading Technology (3.73 GHz, 1066 MHz bus)  
CPU MHz: 3733  
FPU: Integrated  
CPU(s) enabled: 1 core, 1 chip, 1 core/chip (Hyper-Threading Technology enabled)  
CPU(s) orderable: 1  
Parallel: No  
Primary Cache: 12k micro-ops I + 16KBD on chip  
Secondary Cache: 2MB(I+D) on chip  
L3 Cache: N/A  
Other Cache: N/A  
Memory: 1 GB (2 512MB Micron MT16HTF6464AY-667B3 PC2-5300U-555-11-E), DDR2-667, CL5-5-5)  
Disk Subsystem: Maxtor DiamondMax 10 6B300S0 300GB NCQ Serial ATA (7200 RPM, 16MB 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
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
Tested systems can be used with Shin-G ATX case, Antec NeoPower 480W power supply
```



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## Notes/Tuning Information (Continued)

Product description located as of 10/2005

<http://www.intel.com/products/motherboard/d955xbk/index.htm>

The system bus runs at 1066 MHz