



# CINT2000 Result

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Intel Corporation  
Intel VC820 (1.0 GHz Pentium III)

SPECint2000 = 410  
SPECint\_base2000 = 407

SPEC license #: 13 Tested by: Intel Corporation Test date: Mar-2000 Hardware Avail: Mar-2000 Software Avail: Feb-2000

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	288	486	287	488	
175.vpr	1400	426	329	426	329	
176.gcc	1100	297	371	295	373	
181.mcf	1800	710	254	710	254	
186.crafty	1000	200	499	200	499	
197.parser	1800	523	344	523	344	
252.eon	1300	320	406	320	406	
253.perlbmk	1800	312	576	313	576	
254.gap	1100	290	379	289	381	
255.vortex	1900	272	697	266	714	
256.bzip2	1500	413	363	398	377	
300.twolf	3000	844	355	820	366	

### Hardware

CPU: 1.0 GHz Pentium III processor  
 CPU MHz: 1000  
 FPU: Integrated  
 CPU(s) enabled: 1 core, 1 chip, 1 core/chip  
 CPU(s) orderable: 1  
 Parallel: No  
 Primary Cache: 16KBI + 16KBD on-die  
 Secondary Cache: 256KB(I+D) on-die ECC  
 L3 Cache: N/A  
 Other Cache: N/A  
 Memory: 256 MB PC800 RDRAM non-ECC  
 Disk Subsystem: IBM DJNA 371800 ATA-66  
 Other Hardware: Diamond Multimedia Viper 770 Ultra TNT2 AGP

### Software

Operating System: Windows 2000 (Build 2195)  
 Compiler: Intel C Compiler 4.5 for Windows 2000  
 Microsoft Visual C++ 6.0 C libraries, SmartHeap library  
 File System: FAT32  
 System State: Default

## Notes/Tuning Information

+FDO: PASS1=-Qprof\_gen PASS2=-Qprof\_use  
 Base tuning: -QxK -Qipo\_wp shlw32m.lib +FDO  
 shlw32m.lib is the SmartHeap library V5.0 from MicroQuill www.microquill.com  
 Portability flags:  
 176.gcc: -Dalloca=\_alloca /F10000000 -Op  
 186.craffy: -DNT\_i386  
 253.perlbmk: -DSPEC\_CPU2000\_NTOS -DPERLDLL /MT  
 254.gap: -DSYS\_HAS\_CALLOC\_PROTO -DSYS\_HAS\_MALLOC\_PROTO  
 Peak tuning:  
 164.gzip, 175.vpr, 181.mcf, 186.craffy, 197.parser, 252.eon, 253.perlbmk:  
 -QxK -Qipo\_wp FDO shlw32m.lib  
 176.gcc, 254.gap, 255.vortex, 256.bzip2, 300.twolf:  
 -QxK -Qipo\_wp FDO -Oa shlw32m.lib  
 Tested systems can be used with Shin-G ATX case, Sparkle Inc., power supply  
 Product description located as of 03/2000:  
[http://developer.intel.com/design/motherbd/vc/vc\\_ds.htm](http://developer.intel.com/design/motherbd/vc/vc_ds.htm)  
 Motherboard is available through Intel OEM Distribution Channel. See  
<http://channel.intel.com/> for more information  
 The system bus runs at 133 MHz