



# CINT2000 Result

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Intel Corporation  
Intel VC820 (733 MHz Pentium III)

SPECint2000 = 335  
SPECint\_base2000 = 331

SPEC license #: 13 Tested by: Intel Corporation Test date: Mar-2000 Hardware Avail: Nov-1999 Software Avail: Feb-2000

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	100 200 300 400 500 600					
164.gzip	1400	387	362	382	367	[Bar chart showing ratio 367]					
175.vpr	1400	496	282	495	283	[Bar chart showing ratio 283]					
176.gcc	1100	350	314	347	317	[Bar chart showing ratio 317]					
181.mcf	1800	735	245	734	245	[Bar chart showing ratio 245]					
186.crafty	1000	270	370	270	370	[Bar chart showing ratio 370]					
197.parser	1800	629	286	628	287	[Bar chart showing ratio 287]					
252.eon	1300	437	298	437	298	[Bar chart showing ratio 298]					
253.perlbmk	1800	414	435	414	435	[Bar chart showing ratio 435]					
254.gap	1100	354	311	351	314	[Bar chart showing ratio 314]					
255.vortex	1900	344	552	335	567	[Bar chart showing ratio 567]					
256.bzip2	1500	499	301	478	314	[Bar chart showing ratio 314]					
300.twolf	3000	967	310	936	320	[Bar chart showing ratio 320]					

### Hardware

CPU: 733 MHz Pentium III processor  
CPU MHz: 733  
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.crafy: -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.crafty, 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