



# CINT2000 Result

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Intel Corporation  
Intel OR840 motherboard

SPECint2000 = --  
SPECint\_base2000 = 336

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	386	363			
175.vpr	1400	492	284			
176.gcc	1100	344	320			
181.mcf	1800	686	262			
186.crafty	1000	270	370			
197.parser	1800	612	294			
252.eon	1300	440	295			
253.perlbnk	1800	418	431			
254.gap	1100	341	322			
255.vortex	1900	343	554			
256.bzip2	1500	488	307			
300.twolf	3000	940	319			

### 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: 1,2  
 Parallel: No  
 Primary Cache: 16KBI + 16KBD on chip  
 Secondary Cache: 256KB(I+D) on chip  
 L3 Cache: None  
 Other Cache: None  
 Memory: 256 MB PC800 RDRAM non-ECC  
 Disk Subsystem: IBM DJNA 371800 ATA-66  
 Other Hardware: Diamond Multimedia Viper 70 Ultra TNT2 AGP

### Software

Operating System: Windows NT 4.0(SVP 5.0)  
 Compiler: Intel C/C++ Compiler 4.5 for Windows NT 4.0  
 File System: NTFS  
 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  
<http://www.microquill.com/>  
 Portability flags:  
 176.gcc: -Dalloca=\_alloca /F10000000 -Op  
 186.crafty: -DNT\_i386  
 253.perlbnk: -DSPEC\_CPU2000\_NTOS -DPERLDLL /MT  
 254.gap: -DSYS\_HAS\_CALLOC\_PROTO -DSYS\_HAS\_MALLOC\_PROTO  
 Tested systems can be used with Shin-G ATX case,  
 Sparkle, Inc. Power Supply FSP300-60GT  
 Product description located as of 10/99:  
<http://developer.intel.com/design/wrkstn/or840/>  
 Motherboard is available through Intel OEM Distribution Channel.  
 See <http://www.intel.com/intel/contact/> for more information  
 The system bus runs at 133 MHz