



# CINT2000 Result

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Intel Corporation  
Intel SE440BX-2 (750 MHz Pentium III)

SPECint2000 = 330  
SPECint\_base2000 = 325

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	392	358	385	364	
175.vpr	1400	505	277	501	279	
176.gcc	1100	416	264	399	276	
181.mcf	1800	760	237	750	240	
186.crafty	1000	265	377	265	377	
197.parser	1800	624	289	622	289	
252.eon	1300	427	304	427	304	
253.perlbmk	1800	408	441	408	441	
254.gap	1100	362	304	357	308	
255.vortex	1900	343	553	336	566	
256.bzip2	1500	513	292	496	303	
300.twolf	3000	978	307	950	316	

### Hardware

CPU: 750 MHz Pentium III processor  
 CPU MHz: 750  
 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 PC100 SDRAM  
 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.crafty: -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/se2/se2\\_ds.htm](http://developer.intel.com/design/motherbd/se2/se2_ds.htm)  
 Motherboard is available through Intel OEM Distribution Channel. See  
<http://channel.intel.com/> for more information  
 The system bus runs at 100 MHz