



# CINT2000 Result

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Intel Corporation  
Intel SE440BX-2 (800 MHz Pentium III)

SPECint2000 = 344  
SPECint\_base2000 = 340

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	100 200 300 400 500 600					
164.gzip	1400	372	376	365	383	[Bar chart showing ratio 383]					
175.vpr	1400	489	286	485	289	[Bar chart showing ratio 289]					
176.gcc	1100	396	278	387	284	[Bar chart showing ratio 284]					
181.mcf	1800	738	244	735	245	[Bar chart showing ratio 245]					
186.crafty	1000	249	401	249	401	[Bar chart showing ratio 401]					
197.parser	1800	599	301	598	301	[Bar chart showing ratio 301]					
252.eon	1300	400	325	400	325	[Bar chart showing ratio 325]					
253.perlbmk	1800	384	469	384	468	[Bar chart showing ratio 468]					
254.gap	1100	345	319	342	322	[Bar chart showing ratio 322]					
255.vortex	1900	327	581	319	595	[Bar chart showing ratio 595]					
256.bzip2	1500	493	304	477	314	[Bar chart showing ratio 314]					
300.twolf	3000	947	317	920	326	[Bar chart showing ratio 326]					

### Hardware

CPU: 800 MHz Pentium III processor  
CPU MHz: 800  
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.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/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
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