



CFP2000 Result

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

SPECfp2000 = 237
SPECfp_base2000 = 226

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	
168.wupwise	1600	569	281	555	288	
171.swim	3100	1161	267	1160	267	
172.mgrid	1800	954	189	954	189	
173.applu	2100	1137	185	1117	188	
177.mesa	1400	454	309	453	309	
178.galgel	2900	1272	228	1175	247	
179.art	2600	988	263	991	262	
183.quake	1300	620	210	479	271	
187.facerec	1900	976	195	876	217	
188.amp	2200	846	260	846	260	
189.lucas	2000	841	238	838	239	
191.fma3d	2100	947	222	887	237	
200.sixtrack	1100	840	131	790	139	
301.apsi	2600	1007	258	967	269	

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: 256MB 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 and Fortran 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: -QaxK -Qipo_wp -O3 +FDO
Portability:
178.galgel: -FI -Fe$@ -link -stack:32000000
Peak tuning:
168.wupwise: -Qipo_wp -QxK +FDO
171.swim: -Qipo_wp -QaxK -O3 +FDO
172.mgrid: -Qipo_wp -QaxK -O3 +FDO
173.applu: -Qipo_wp -QxK +FDO
177.mesa: -Qipo_wp -QaxK -O3 +FDO shlw32M.lib
178.galgel: -Qipo_wp -QxK -O3 +FDO -Zi shlw32M.lib
179.art: -Qipo_wp -QxK +FDO shlw32M.lib
183.quake: -QxK -Qrcd -Ow -Qipo_wp +FDO shlw32M.lib
187.facerec: -Qipo_wp -QxK -O3 +FDO -Zi shlw32M.lib
188.amp: -Qipo_wp -QaxK -O3 +FDO shlw32M.lib
189.lucas: -Qipo_wp -QxK -O3 +FDO -Zi shlw32M.lib
191.fma3d: -QxK -O1 +FDO
```



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Notes/Tuning Information (Continued)

200.sixtrack: -Qipo_wp -QxK +FDO

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