CFP2000 Result

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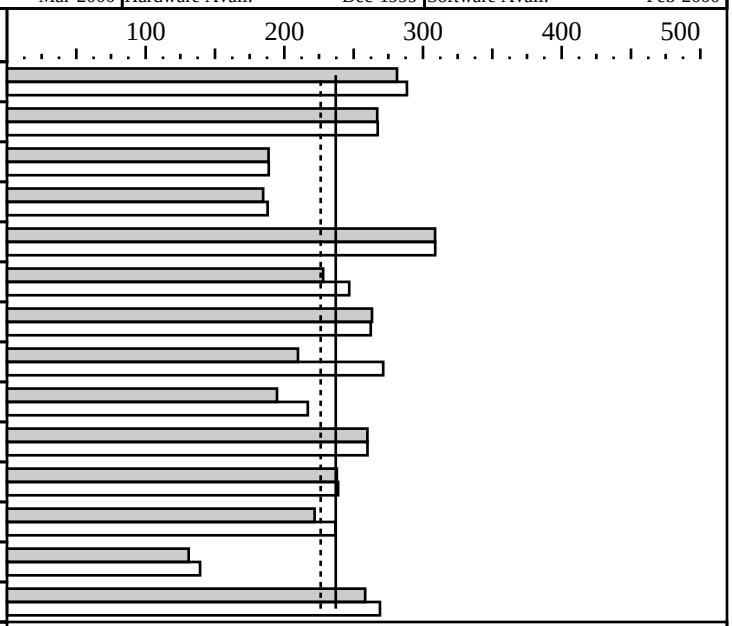
Intel Corporation
Intel SE440BX-2 (800 MHz Pentium III)

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.equake	1300	620	210	479	271
187.facerec	1900	976	195	876	217
188.ammp	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.equake: -QxK -Qrcd -Ow -Qipo_wp +FDO shlW32M.lib
187.facerec: -Qipo_wp -QxK -O3 +FDO -Zi shlW32M.lib
188.ammp: -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)

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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
```