



CFP2000 Result

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Intel Corporation
Intel SE440BX-2 (700 MHz Pentium III)

SPECfp2000 = 223
SPECfp_base2000 = 213

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	50 100 150 200 250 300				
168.wupwise	1600	624	256	602	266	[Bar chart showing ratio 266]				
171.swim	3100	1159	267	1156	268	[Bar chart showing ratio 268]				
172.mgrid	1800	995	181	994	181	[Bar chart showing ratio 181]				
173.applu	2100	1192	176	1165	180	[Bar chart showing ratio 180]				
177.mesa	1400	512	273	512	274	[Bar chart showing ratio 274]				
178.galgel	2900	1301	223	1207	240	[Bar chart showing ratio 240]				
179.art	2600	1003	259	1003	259	[Bar chart showing ratio 259]				
183.quake	1300	644	202	497	261	[Bar chart showing ratio 261]				
187.facerec	1900	1064	179	963	197	[Bar chart showing ratio 197]				
188.amp	2200	905	243	904	243	[Bar chart showing ratio 243]				
189.lucas	2000	890	225	886	226	[Bar chart showing ratio 226]				
191.fma3d	2100	1026	205	959	219	[Bar chart showing ratio 219]				
200.sixtrack	1100	954	115	897	123	[Bar chart showing ratio 123]				
301.apsi	2600	1084	240	1038	251	[Bar chart showing ratio 251]				

Hardware

CPU: 700 MHz Pentium III processor
CPU MHz: 700
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