



CFP2000 Result

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Intel Corporation

Intel SE440BX2 Motherboard(500 MHz, Pentium III processor)

SPECfp2000 = 193

SPECfp_base2000 = 191

SPEC license #: 13 Tested by: Intel Corporation Test date: Feb-2002 Hardware Avail: Mar-1999 Software Avail: Jun-2001

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	50 100 150 200 250 300				
168.wupwise	1600	699	229	698	229	[Bar chart showing ratio 229]				
171.swim	3100	1204	257	1203	258	[Bar chart showing ratio 258]				
172.mgrid	1800	1214	148	1163	155	[Bar chart showing ratio 155]				
173.applu	2100	1308	161	1302	161	[Bar chart showing ratio 161]				
177.mesa	1400	583	240	561	250	[Bar chart showing ratio 250]				
178.galgel	2900	1193	243	1187	244	[Bar chart showing ratio 244]				
179.art	2600	1002	259	1000	260	[Bar chart showing ratio 260]				
183.quake	1300	882	147	921	141	[Bar chart showing ratio 141]				
187.facerec	1900	827	230	816	233	[Bar chart showing ratio 233]				
188.amp	2200	1080	204	1061	207	[Bar chart showing ratio 207]				
189.lucas	2000	1048	191	1057	189	[Bar chart showing ratio 189]				
191.fma3d	2100	1074	196	1073	196	[Bar chart showing ratio 196]				
200.sixtrack	1100	1317	83.5	1273	86.4	[Bar chart showing ratio 86.4]				
301.apsi	2600	1383	188	1334	195	[Bar chart showing ratio 195]				

Hardware

CPU: Pentium III processor (500 MHz, 100 MHz bus)
CPU MHz: 500
FPU: Integrated
CPU(s) enabled: 1 core, 1 chip, 1 core/chip
CPU(s) orderable: 1
Parallel: No
Primary Cache: 16KBI + 16KBD on chip
Secondary Cache: 512KB(I+D) on chip
L3 Cache: N/A
Other Cache: N/A
Memory: 256 MB PC100 SDRAM (2 * 128 MB)
Disk Subsystem: IBM DTLA-307030 ATA-100
Other Hardware: None

Software

Operating System: Windows XP Professional (Build 2600)
Compiler: Intel C++ Compiler 5.0.1 for Windows Build 010525Z
Intel Fortran Compiler 5.0.1 for Windows Build 010525Z
Microsoft Visual C++ 6.0 SP5(for libraries)
MicroQuill SmartHeap V6.0
File System: FAT32
System State: Default

Notes/Tuning Information

```
+FDO: PASS1=-Qprof_gen PASS2=-Qprof_use
Base tuning: -QxK -Qipo -O3 +FDO
Portability:
178.galgel: -FI /F32000000
Peak tuning:
168.wupwise: -Qipo -QxK -O3 +FDO
171.swim: -Qipo -QxK -O3 +FDO
172.mgrid: -Qipo -QaxK -O3 +FDO
173.applu: -Qipo -QxK -O3 +FDO
177.mesa: -Qipo -QxK -O3 -Oa +FDO shlw32M.lib
178.galgel: -Qipo -QxK -O3 +FDO shlw32M.lib
178.galgel: LIBS=libIEPCF90.lib libintrins.lib libF90.lib
libqwin.lib libm.lib shlw32M.lib LIBC.lib
libirc.lib OLDNAMES.lib
179.art: -Qipo -QxK -O3 -Oa +FDO shlw32M.lib
183.quake: -Qipo -QxK -Qrcd -Oa +FDO shlw32M.lib
187.facerec: -Qipo -QxK -O3 +FDO shlw32M.lib
```



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Notes/Tuning Information (Continued)

187.facerec: LIBS=libIEPCF90.lib libintrins.lib libF90.lib
libqwin.lib libm.lib shlW32M.lib LIBC.lib
libirc.lib OLDNAMES.lib

188.ammp: -Qipo -QxK -O3 -Oa +FDO

189.lucas: -Qipo -QxK -O3 +FDO shlW32M.lib

189.lucas: LIBS=libIEPCF90.lib libintrins.lib libF90.lib
libqwin.lib libm.lib shlW32M.lib LIBC.lib
libirc.lib OLDNAMES.lib

191.fma3d: -Qipo -QxK -O3 +FDO

200.sixtrack: -Qipo -QxK +FDO

301.apsi: -Qipo -QxK +FDO

Tested systems can be used with Shin-G ATX case, Nspire MAV-250P power supply.

Product information as of 02/2002:

<http://support.intel.com/support/motherboards/desktop/se440bx2/>

The system bus runs at 100 MHz