CFP2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Intel Corporation

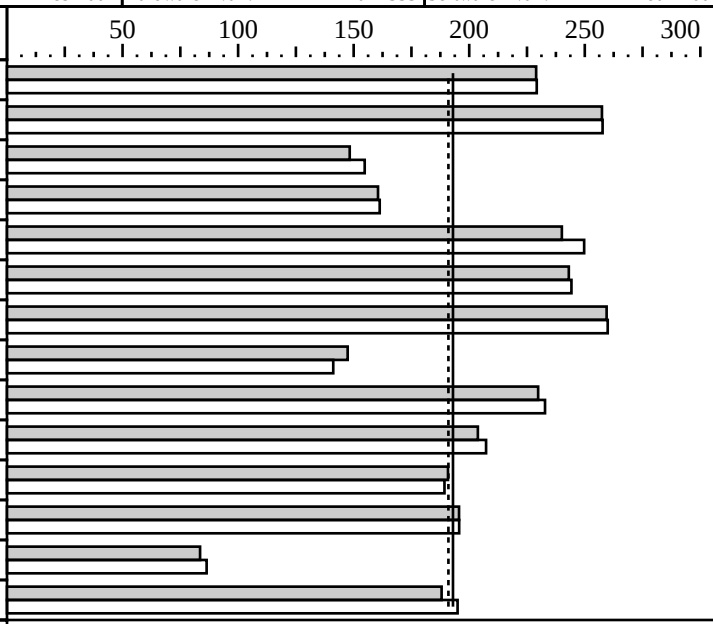
Intel SE440BX2 Motherboard(500 MHz, Pentium III processor)

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
168.wupwise	1600	699	229	698	229
171.swim	3100	1204	257	1203	258
172.mgrid	1800	1214	148	1163	155
173.applu	2100	1308	161	1302	161
177.mesa	1400	583	240	561	250
178.galgel	2900	1193	243	1187	244
179.art	2600	1002	259	1000	260
183.equake	1300	882	147	921	141
187.facerec	1900	827	230	816	233
188.ammp	2200	1080	204	1061	207
189.lucas	2000	1048	191	1057	189
191.fma3d	2100	1074	196	1073	196
200.sixtrack	1100	1317	83.5	1273	86.4
301.apsi	2600	1383	188	1334	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.equake:     -Qipo -QxK  -Qrcd -Oa +FDO shlW32M.lib
187.facerec:    -Qipo -QxK  -O3 +FDO shlW32M.lib
```

Copyright ©1999-2004, Standard Performance Evaluation Corporation

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
```