CFP2000 Result

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Intel Corporation

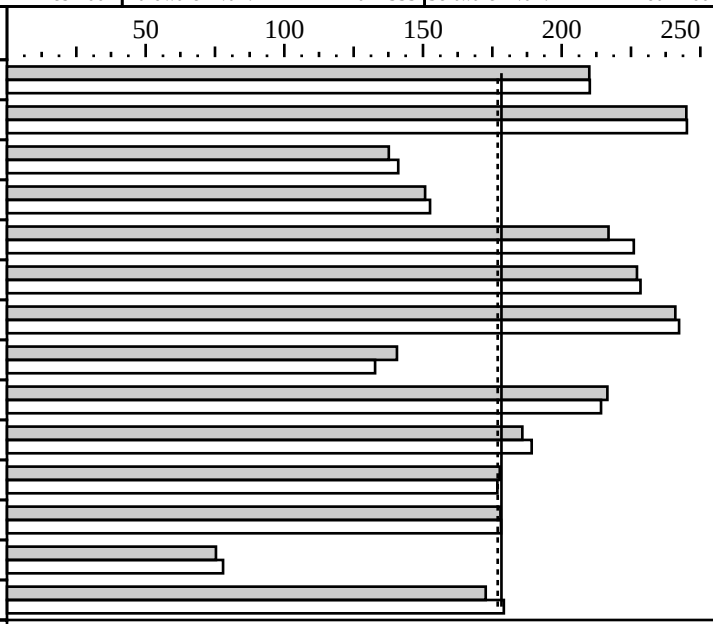
Intel SE440BX2 Motherboard(450 MHz, Pentium III processor)

SPECfp2000 = 178

SPECfp_base2000 = 177

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	762	210	761	210
171.swim	3100	1266	245	1264	245
172.mgrid	1800	1307	138	1276	141
173.applu	2100	1393	151	1377	153
177.mesa	1400	645	217	619	226
178.galgel	2900	1277	227	1270	228
179.art	2600	1079	241	1073	242
183.equake	1300	925	141	979	133
187.facerec	1900	878	216	887	214
188.ammp	2200	1184	186	1163	189
189.lucas	2000	1126	178	1131	177
191.fma3d	2100	1180	178	1179	178
200.sixtrack	1100	1460	75.3	1412	77.9
301.apsi	2600	1506	173	1451	179



Hardware

CPU:	Pentium III processor (450 MHz, 100 MHz bus)
CPU MHz:	450
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
```

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Notes/Tuning Information (Continued)

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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
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