CFP2000 Result

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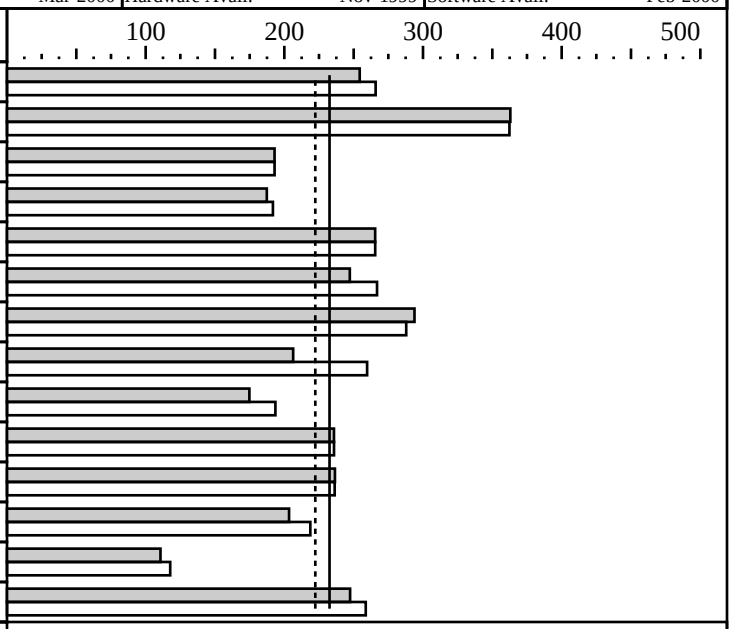
Intel Corporation
Intel VC820 (667 MHz Pentium III)

SPECfp2000 = 233

SPECfp_base2000 = 222

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
168.wupwise	1600	629	254	602	266
171.swim	3100	854	363	856	362
172.mgrid	1800	933	193	933	193
173.applu	2100	1121	187	1095	192
177.mesa	1400	527	265	527	266
178.galgel	2900	1173	247	1087	267
179.art	2600	885	294	903	288
183.equake	1300	630	206	501	260
187.facerec	1900	1087	175	982	194
188.ammp	2200	933	236	933	236
189.lucas	2000	846	236	846	236
191.fma3d	2100	1032	203	960	219
200.sixtrack	1100	994	111	935	118
301.apsi	2600	1051	247	1005	259



Hardware

CPU:	667 MHz Pentium III processor
CPU MHz:	667
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:	256 MB PC800 RDRAM non-ECC
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/vc/vc_ds.htm
Motherboard is available through Intel OEM Distribution Channel. See
http://channel.intel.com/ for more information
The system bus runs at 133 MHz
```