CFP2000 Result

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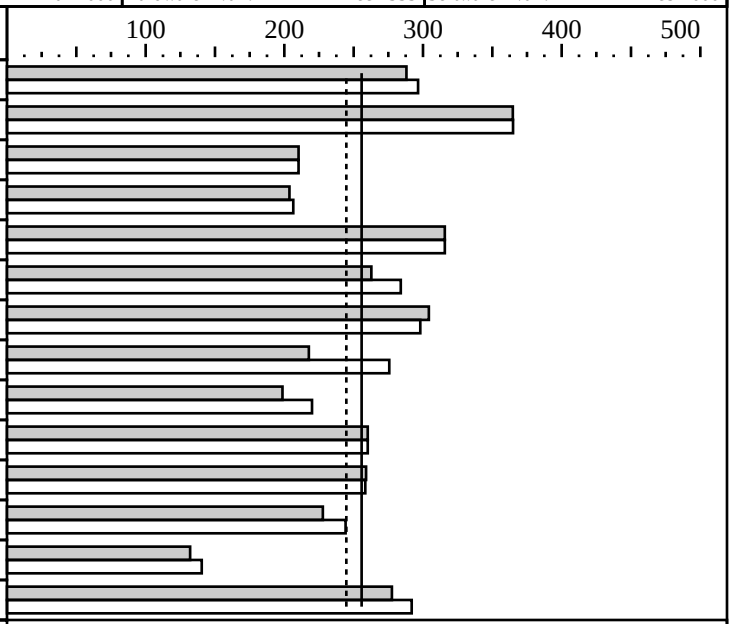
Intel Corporation
Intel VC820 (800EB MHz Pentium III)

SPECfp2000 = 256

SPECfp_base2000 = 245

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	555	288	540	296
171.swim	3100	850	365	849	365
172.mgrid	1800	856	210	856	210
173.applu	2100	1031	204	1017	206
177.mesa	1400	443	316	443	316
178.galgel	2900	1104	263	1021	284
179.art	2600	855	304	872	298
183.equake	1300	597	218	472	276
187.facerec	1900	956	199	864	220
188.ammp	2200	846	260	846	260
189.lucas	2000	772	259	774	258
191.fma3d	2100	922	228	860	244
200.sixtrack	1100	833	132	783	140
301.apsi	2600	937	278	891	292



Hardware

CPU:	800EB MHz Pentium III processor
CPU MHz:	800
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)

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