CFP2000 Result

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Intel Corporation

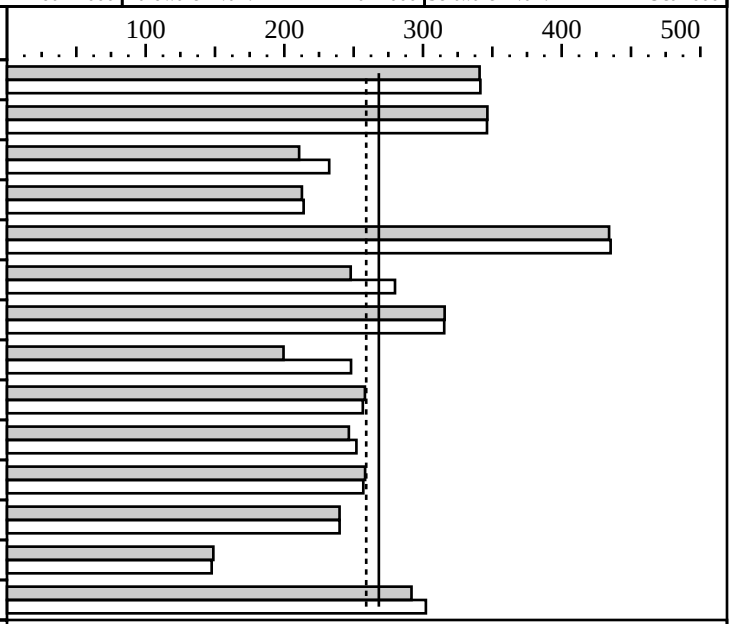
Intel VC820(850 MHz Pentium III processor)

SPECfp2000 = 268

SPECfp_base2000 = 259

SPEC license #: 13 | Tested by: Intel Corporation | Test date: Jun-2000 | Hardware Avail: Mar-2000 | Software Avail: Oct-2000

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	469	341	469	341
171.swim	3100	895	346	896	346
172.mgrid	1800	854	211	775	232
173.applu	2100	987	213	982	214
177.mesa	1400	322	434	322	435
178.galgel	2900	1170	248	1036	280
179.art	2600	824	316	825	315
183.equake	1300	652	199	524	248
187.facerec	1900	736	258	740	257
188.ammp	2200	892	247	873	252
189.lucas	2000	774	258	778	257
191.fma3d	2100	876	240	876	240
200.sixtrack	1100	739	149	745	148
301.apsi	2600	891	292	861	302



Hardware

CPU:	Pentium III processor (850 MHz, 100 MHz bus)
CPU MHz:	850
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
Disk Subsystem:	IBM DTLA 307030 ATA-66+
Other Hardware:	Creative Labs Annihalator Pro GeForce 256 DDR

Software

Operating System:	Windows 2000(Build 2195)
Compiler:	Intel C++ and Fortran Compiler 5.0, for Windows NT 4.0/Windows 2000 Microsoft Visual C++ 6.0 (for libraries), SmartHeap library V5.0
File System:	FAT32
System State:	Default

Notes/Tuning Information

```
+FDO: PASS1=-Qprof_gen  PASS2=-Qprof_use
Base tuning: -QxK -Qipo_wp -O3 +FDO
Portability:
178.galgel: -FI -Fe$@ -link -stack:32000000
Peak tuning:
168.wupwise: -QxK -Qipo_wp -O3 +FDO
171.swim:    -QxK -Qipo_wp -O3 +FDO
172.mgrid:   -QxK -Qipo_wp -O3 +FDO
173.applu:   -QxK -Qipo_wp -O3 +FDO
177.mesa:    -QxK -Qipo_wp -O3 -Oa +FDO
178.galgel:  -QxK -Qipo_wp -O3 +FDO -Zi shlW32M.lib
179.art:     -QxK -Qipo_wp -O3 -Oa +FDO
183.equake:  -QxK -Qipo_wp -Qrcd -Oa +FDO shlW32M.lib
187.facerec: -QxK -Qipo_wp -O3 +FDO -Zi shlW32M.lib
188.ammp:    -QxK -Qipo_wp -O3 -Oa +FDO
189.lucas:   -QxK -Qipo_wp -O3 +FDO -Zi shlW32M.lib
191.fma3d:   -QxK -Qipo_wp -O3 +FDO
```

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Notes/Tuning Information (Continued)

```
200.sixtrack:-QxK -Qipo_wp +FDO
301.apsi:    -QxK -Qipo_wp +FDO
Tested systems can be used with Shin-G ATX case, Sparkle Inc. power supply
Product description as of 06/2000:
http://developer.intel.com/design/motherbd/vc/
Motherboard available through Intel OEM Distribution channel. See
http://channel.intel.com/ for more information
The system bus runs at 100 MHz
```