CFP2000 Result

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Intel Corporation

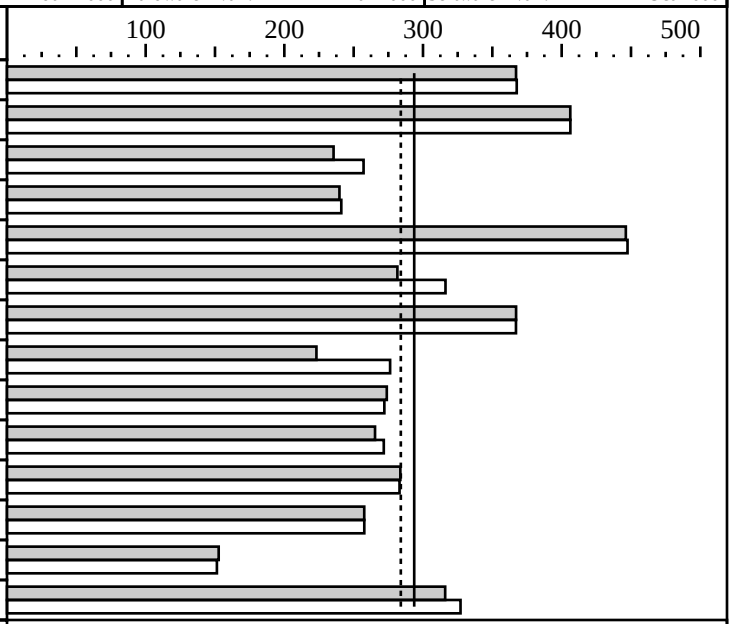
Intel VC820(866 MHz Pentium III processor)

SPECfp2000 = 294

SPECfp_base2000 = 284

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	436	367	435	368
171.swim	3100	763	406	763	406
172.mgrid	1800	764	236	700	257
173.applu	2100	876	240	871	241
177.mesa	1400	314	446	313	447
178.galgel	2900	1030	282	917	316
179.art	2600	708	367	708	367
183.equake	1300	583	223	471	276
187.facerec	1900	694	274	698	272
188.ammp	2200	829	265	810	272
189.lucas	2000	705	284	707	283
191.fma3d	2100	815	258	815	258
200.sixtrack	1100	721	153	727	151
301.apsi	2600	823	316	795	327



Hardware

CPU:	Pentium III processor (866 MHz, 133 MHz bus)
CPU MHz:	866
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 133 MHz
```