CFP2000 Result

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Intel Corporation

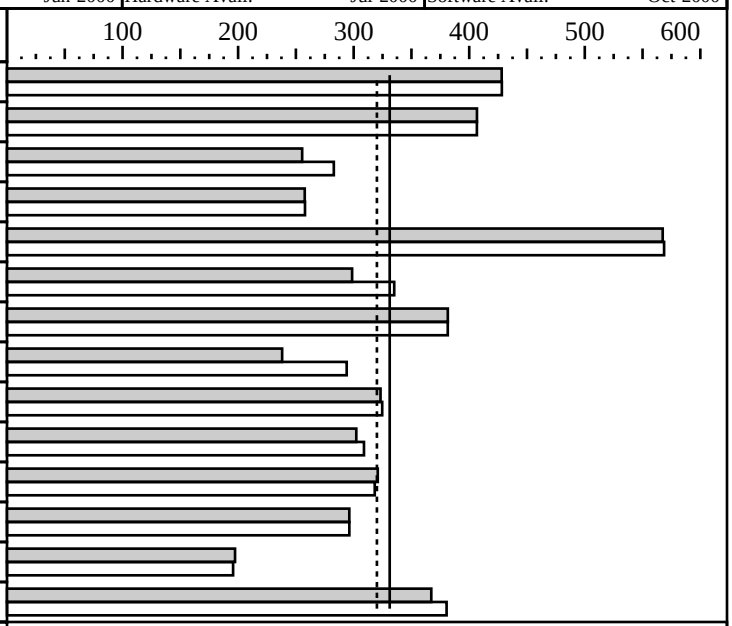
Intel VC820(1.13 GHz Pentium III processor)

SPECfp2000 = 331

SPECfp_base2000 = 320

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	374	428	374	428
171.swim	3100	762	407	762	407
172.mgrid	1800	705	255	636	283
173.applu	2100	815	258	814	258
177.mesa	1400	247	567	246	569
178.galgel	2900	971	299	865	335
179.art	2600	682	381	682	381
183.equake	1300	546	238	442	294
187.facerec	1900	588	323	585	325
188.ammp	2200	728	302	712	309
189.lucas	2000	623	321	628	318
191.fma3d	2100	709	296	709	296
200.sixtrack	1100	557	197	562	196
301.apsi	2600	708	367	683	380



Hardware

CPU:	Pentium III processor (1.13 GHz, 133 MHz bus)
CPU MHz:	1130
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 DTLA 307030 ATA-66+
Other Hardware:	Creative Labs Annihilator 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: -Qipo_wp -QxK -O3 +FDO
171.swim:    -Qipo_wp -QxK -O3 +FDO
172.mgrid:   -Qipo_wp -QaxK -O3 +FDO
173.applu:   -Qipo_wp -QxK -O3 +FDO
177.mesa:    -Qipo_wp -QxK -O3 -Oa +FDO
178.galgel:  -Qipo_wp -QxK -O3 +FDO -Zi shlW32M.lib
179.art:     -Qipo_wp -QxK -O3 -Oa +FDO
183.equake:  -Qipo_wp -QxK -Qrcd -Oa +FDO shlW32M.lib
187.facerec: -Qipo_wp -QxK -O3 +FDO -Zi shlW32M.lib
188.ammp:    -Qipo_wp -QxK -O3 -Oa +FDO
189.lucas:   -Qipo_wp -QxK -O3 +FDO -Zi shlW32M.lib
191.fma3d:   -Qipo_wp -QxK -O3 +FDO
```

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Notes/Tuning Information (Continued)

```
 200.sixtrack:-Qipo_wp -QxK  +FDO
 301.apsi:    -Qipo_wp -QxK  +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
```