# CFP2000 Result

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## Intel Corporation

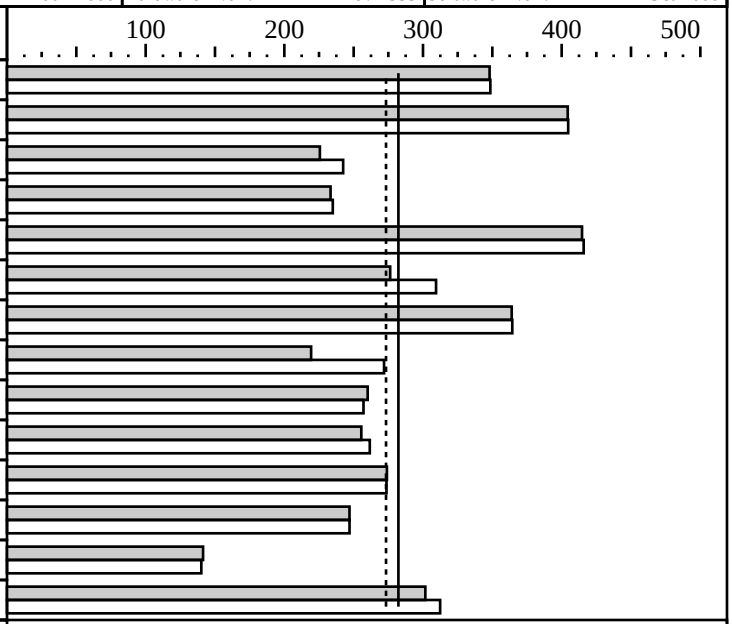
Intel VC820(800 MHz Pentium III processor)

SPECfp2000 = 282

SPECfp_base2000 = 273

SPEC license #: 13 | Tested by: Intel Corporation | Test date: Jun-2000 | Hardware Avail: Nov-1999 | Software Avail: Oct-2000

| Benchmark | Reference Time | Base Runtime | Base Ratio | Runtime | Ratio |
|---|---|---|---|---|---|
| 168.wupwise | 1600 | 460 | 348 | 459 | 349 |
| 171.swim | 3100 | 767 | 404 | 766 | 405 |
| 172.mgrid | 1800 | 798 | 226 | 743 | 242 |
| 173.applu | 2100 | 900 | 233 | 894 | 235 |
| 177.mesa | 1400 | 338 | 415 | 337 | 416 |
| 178.galgel | 2900 | 1049 | 276 | 937 | 309 |
| 179.art | 2600 | 714 | 364 | 714 | 364 |
| 183.equake | 1300 | 593 | 219 | 478 | 272 |
| 187.facerec | 1900 | 730 | 260 | 739 | 257 |
| 188.ammp | 2200 | 861 | 256 | 841 | 262 |
| 189.lucas | 2000 | 730 | 274 | 731 | 274 |
| 191.fma3d | 2100 | 850 | 247 | 850 | 247 |
| 200.sixtrack | 1100 | 778 | 141 | 785 | 140 |
| 301.apsi | 2600 | 862 | 302 | 832 | 312 |




### Hardware

| | |
|---|---|
| CPU: | Pentium III processor (800 MHz, 133 MHz bus) |
| 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 |
| 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<br>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
```