# CFP2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

## Intel Corporation

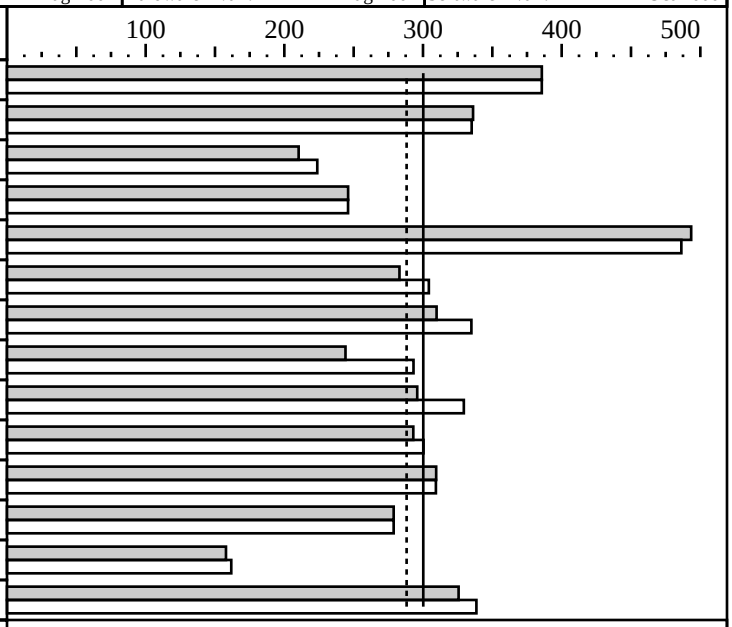
Intel D815EEA2 motherboard (933 MHz, Pentium III processor)

SPECfp2000 = 300

SPECfp_base2000 = 288

SPEC license #: 13 | Tested by: Intel Corporation | Test date: Aug-2001 | Hardware Avail: Aug-2001 | Software Avail: Oct-2000

| Benchmark | Reference Time | Base Runtime | Base Ratio | Runtime | Ratio |
|---|---|---|---|---|---|
| 168.wupwise | 1600 | 415 | 386 | 415 | 386 |
| 171.swim | 3100 | 922 | 336 | 925 | 335 |
| 172.mgrid | 1800 | 856 | 210 | 804 | 224 |
| 173.applu | 2100 | 854 | 246 | 854 | 246 |
| 177.mesa | 1400 | 284 | 493 | 288 | 486 |
| 178.galgel | 2900 | 1025 | 283 | 953 | 304 |
| 179.art | 2600 | 839 | 310 | 776 | 335 |
| 183.equake | 1300 | 533 | 244 | 443 | 293 |
| 187.facerec | 1900 | 642 | 296 | 577 | 329 |
| 188.ammp | 2200 | 751 | 293 | 732 | 300 |
| 189.lucas | 2000 | 646 | 310 | 647 | 309 |
| 191.fma3d | 2100 | 753 | 279 | 753 | 279 |
| 200.sixtrack | 1100 | 697 | 158 | 680 | 162 |
| 301.apsi | 2600 | 798 | 326 | 768 | 339 |




### Hardware

| | |
|---|---|
| CPU: | Pentium III processor (933 MHz, 133 MHz bus) |
| CPU MHz: | 933 |
| FPU: | Integrated |
| CPU(s) enabled: | 1 core, 1 chip, 1 core/chip |
| CPU(s) orderable: | 1 |
| Parallel: | No |
| Primary Cache: | 16KBI + 16KBD on chip |
| Secondary Cache: | 256KB(I+D) on chip |
| L3 Cache: | N/A |
| Other Cache: | N/A |
| Memory: | 128 MB PC133 CL2 SDRAM (2 * 128 MB sticks) |
| Disk Subsystem: | IBM DTLA-307030 ATA-100 |
| Other Hardware: | None |

### Software

| | |
|---|---|
| Operating System: | Windows 2000 (Build 2195, SP1) |
| Compiler: | Intel C++ Compiler 5.0 for Windows Build 001120<br>Intel Fortran Compiler 5.0 for Windows Build 001027<br>Microsoft Visual C++ 6.0(for libraries)<br>MicroQuill SmartHeap V5.0 |
| File System: | FAT32 |
| System State: | Default |

## Notes/Tuning Information

```
+FDO: PASS1=-Qprof_gen  PASS2=-Qprof_use
Base tuning: -QxK -Qipo -O3 +FDO
Portability:
178.galgel: -FI /F32000000
Peak tuning:
168.wupwise:    -Qipo -QxK  -O3 +FDO
171.swim:       -Qipo -QxK  -O3 +FDO
172.mgrid:      -Qipo -QaxK -O3 +FDO
173.applu:      -Qipo -QxK  -O3 +FDO
177.mesa:       -Qipo -QxK  -O3 -Oa +FDO shlW32M.lib
178.galgel:     -Qipo -QxK  -O3 +FDO shlW32M.lib
178.galgel:     LIBS=libIEPCF90.lib libintrins.lib libF90.lib
                libqwin.lib libm.lib shlW32M.lib LIBC.lib
                libirc.lib OLDNAMES.lib
179.art:        -Qipo -QxK  -O3 -Oa +FDO shlW32M.lib
183.equake:     -Qipo -QxK  -Qrcd -Oa +FDO shlW32M.lib
187.facerec:    -Qipo -QxK  -O3 +FDO shlW32M.lib
```

Copyright ©1999-2004, Standard Performance Evaluation Corporation



## Notes/Tuning Information (Continued)

```
187.facerec:    LIBS=libIEPCF90.lib libintrins.lib libF90.lib
                libqwin.lib libm.lib shlW32M.lib LIBC.lib
                libirc.lib OLDNAMES.lib
188.ammp:       -Qipo -QxK  -O3 -Oa +FDO
189.lucas:      -Qipo -QxK  -O3 +FDO shlW32M.lib
189.lucas:      LIBS=libIEPCF90.lib libintrins.lib libF90.lib
                libqwin.lib libm.lib shlW32M.lib LIBC.lib
                libirc.lib OLDNAMES.lib
191.fma3d:      -Qipo -QxK  -O3 +FDO
200.sixtrack:   -Qipo -QxK  +FDO
301.apsi:       -Qipo -QxK  +FDO
Tested systems can be used with Shin-G ATX case, Nspire MAV-250P power supply.
Product information as of 08/2001:
http://developer.intel.com/design/motherbd/ea2/index.htm
Motherboard is available through Intel OEM Distribution Channel.
See http://channel.intel.com/ for more information
The system bus runs at 133 MHz
```