# CFP2000 Result

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## Intel Corporation

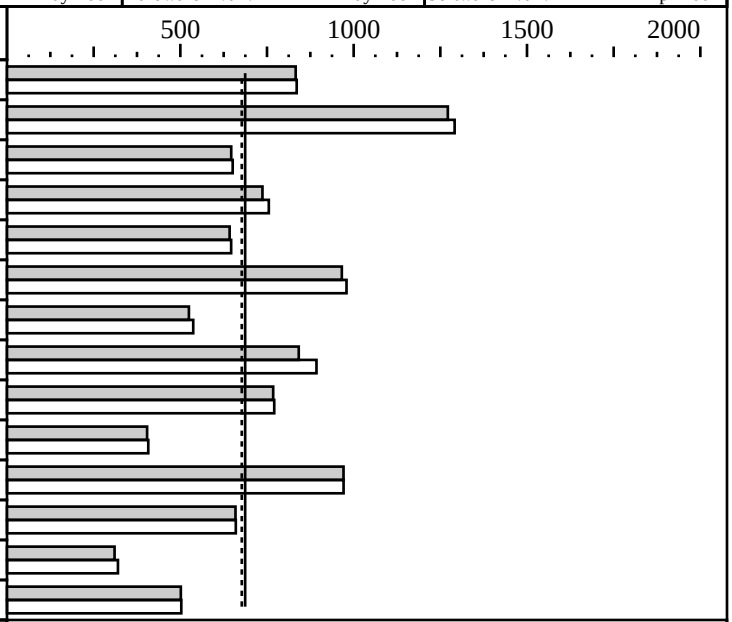
Intel D850EMV2 motherboard (1.7 GHz, Pentium 4 processor)

SPECfp2000 = 687

SPECfp_base2000 = 677

SPEC license #: 13 | Tested by: Intel Corporation | Test date: May-2002 | Hardware Avail: May-2002 | Software Avail: Apr-2002

| Benchmark | Reference Time | Base Runtime | Base Ratio | Runtime | Ratio |
|---|---|---|---|---|---|
| 168.wupwise | 1600 | 192 | 833 | 191 | 836 |
| 171.swim | 3100 | 244 | 1272 | 240 | 1291 |
| 172.mgrid | 1800 | 278 | 647 | 276 | 651 |
| 173.applu | 2100 | 285 | 737 | 278 | 755 |
| 177.mesa | 1400 | 218 | 642 | 217 | 647 |
| 178.galgel | 2900 | 300 | 966 | 296 | 979 |
| 179.art | 2600 | 495 | 525 | 484 | 537 |
| 183.equake | 1300 | 154 | 842 | 146 | 893 |
| 187.facerec | 1900 | 247 | 768 | 246 | 771 |
| 188.ammp | 2200 | 544 | 404 | 540 | 408 |
| 189.lucas | 2000 | 206 | 971 | 206 | 971 |
| 191.fma3d | 2100 | 319 | 659 | 318 | 660 |
| 200.sixtrack | 1100 | 355 | 310 | 344 | 320 |
| 301.apsi | 2600 | 519 | 501 | 517 | 503 |




### Hardware

| | |
|---|---|
| CPU: | Pentium 4 processor (1.7 GHz, 400 MHz bus) |
| CPU MHz: | 1700 |
| FPU: | Integrated |
| CPU(s) enabled: | 1 core, 1 chip, 1 core/chip |
| CPU(s) orderable: | 1 |
| Parallel: | No |
| Primary Cache: | 12k micro-ops I + 8KBD on chip |
| Secondary Cache: | 256KB(I+D) on chip |
| L3 Cache: | N/A |
| Other Cache: | N/A |
| Memory: | 256 MB (2 128 MB PC800-40 RDRAM non-ECC modules) |
| Disk Subsystem: | IBM 120GXP 80 GB IC35L080AVVA07-0 ATA-100 |
| Other Hardware: | None |

### Software

| | |
|---|---|
| Operating System: | Windows XP Professional(Build 2600) |
| Compiler: | Intel C++ Compiler 6.0 Build 020321Z<br>Intel Fortran Compiler 6.0 Build 020321Z<br>Microsoft Visual C++ 6.0 SP5(for libraries) |
| File System: | FAT32 |
| System State: | Default |

## Notes/Tuning Information

```
+FDO: PASS1=  -Qprof_gen  PASS2=-Qprof_use
Base tuning:  -Qipo -QxW -O3 +FDO
Portability:
178.galgel:   -FI /F32000000
Peak tuning:
168.wupwise:  -Qipo -QxW  -O3 +FDO
171.swim:     -Qipo -QxW  -O3 +FDO
172.mgrid:    -Qipo -QaxW -O3 +FDO
173.applu:    -Qipo -QxW  -O3 -Qscalar_rep- -Qauto +FDO
177.mesa:     -Qipo -Oa -QxW -O3 +FDO
178.galgel:   -Qipo -QxW  -O3 +FDO
179.art:      -Qipo -QxW  -O3 -Oa +FDO
183.equake:   -Qipo -QxW  -Oa -Qrcd +FDO
187.facerec:  -Qipo -QxW  -O3 +FDO
188.ammp:     -Qipo -QxW  -O3 -Oa +FDO
189.lucas:    -Qipo -QxW  -O3 +FDO
191.fma3d:    -Qipo -QxW  -O3 +FDO
```

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## Notes/Tuning Information (Continued)

```
200.sixtrack: -Qipo -QxW  +FDO
301.apsi:     -Qipo -QxW  -O3 +FDO
Tested systems can be used with Shin-G ATX case, Delta Inc. power supply PS-300GB-1 B
Product description located as of 8/2002:
http://developer.intel.com/design/motherbd/mv2/index.htm
Motherboard ordering information is available at:
http://program.intel.com/shared/products/boards/d850emv2/index.htm
The system bus runs at 400 MHz
```