# CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

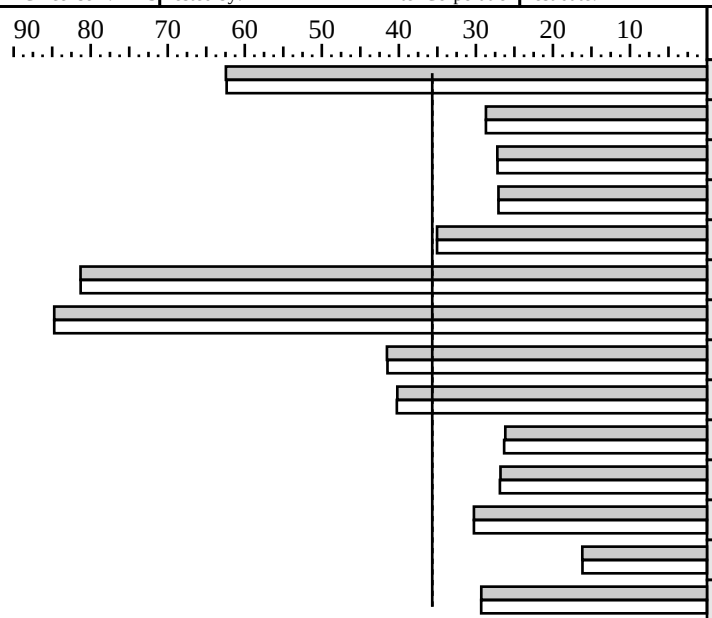
## Intel(R) Corporation

Intel(R) D945GPM motherboard( 3.6 GHz, Intel(R) Pentium(TM) D processor 960)

SPECfp_rate2000 = 35.7

SPECfp_rate_base2000 = 35.7

SPEC license #: 13 | Tested by: Intel Corporation | Test date: Jul-2006 | Hardware Avail: Jul-2006 | Software Avail: May-2006




| Benchmark | Base Copies | Base Runtime | Base Ratio | Copies | Runtime | Ratio |
|---|---|---|---|---|---|---|
| 168.wupwise | 2 | 59.4 | 62.5 | 2 | 59.5 | 62.4 |
| 171.swim | 2 | 251 | 28.7 | 2 | 251 | 28.7 |
| 172.mgrid | 2 | 153 | 27.2 | 2 | 154 | 27.2 |
| 173.applu | 2 | 180 | 27.1 | 2 | 180 | 27.1 |
| 177.mesa | 2 | 92.7 | 35.0 | 2 | 92.7 | 35.0 |
| 178.galgel | 2 | 82.7 | 81.3 | 2 | 82.8 | 81.3 |
| 179.art | 2 | 71.2 | 84.7 | 2 | 71.2 | 84.7 |
| 183.equake | 2 | 72.6 | 41.5 | 2 | 72.7 | 41.5 |
| 187.facerec | 2 | 110 | 40.2 | 2 | 109 | 40.3 |
| 188.ammp | 2 | 195 | 26.2 | 2 | 194 | 26.3 |
| 189.lucas | 2 | 173 | 26.8 | 2 | 173 | 26.9 |
| 191.fma3d | 2 | 161 | 30.3 | 2 | 161 | 30.3 |
| 200.sixtrack | 2 | 158 | 16.2 | 2 | 158 | 16.2 |
| 301.apsi | 2 | 206 | 29.3 | 2 | 206 | 29.3 |

### Hardware

| | |
|---|---|
| CPU: | Intel(R) Pentium(TM) D processor 960( 3.6 GHz, 800 MHz bus) |
| CPU MHz: | 3600 |
| FPU: | Integrated |
| CPU(s) enabled: | 2 cores, 1 chip, 2 cores/chip |
| CPU(s) orderable: | 1 |
| Parallel: | No |
| Primary Cache: | 32KBI + 32KBD per core |
| Secondary Cache: | 2MB(I+D) per core |
| L3 Cache: | None |
| Other Cache: | None |
| Memory: | 2 GB (2 1GB Micron DDR2 667 CL5-5-5 DIMMs) |
| Disk Subsystem: | Maxtor DiamondMax 10 6B300S0 300GB NCQ Serial ATA (7200 RPM, 16MB cache) |
| Other Hardware: | ATI Radeon X1900 XTX PCI express graphics card |

### Software

| | |
|---|---|
| Operating System: | Windows XP Professional SP2 |
| Compiler: | Intel C++ and Fortran Compiler 9.1 for 32-bit applications<br>Build 20060323Z Package ID: W_FC_P_9.1.020<br>Microsoft Visual Studio 2005(for libraries)<br>SmartHeap Library Version 8.0 from http://www.microquill.com/ |
| File System: | NTFS |
| System State: | Default |

## Notes/Tuning Information

```
+FDO: PASS1=  -Qprof_gen  PASS2=-Qprof_use
Base tuning for Fortran programs:  -fast -Qansi_alias +FDO
Base tuning for C programs:  -fast    +FDO shlW32M.lib
Portability:
178.galgel:   -FI /F32000000
Peak tuning:
168.wupwise:  -fast -Qansi_alias +FDO
171.swim:     -fast -Qansi_alias +FDO
172.mgrid:    -fast -Qansi_alias +FDO
173.applu:  basepeak=yes
177.mesa:   basepeak=yes
178.galgel:   -fast -Qansi_alias +FDO
179.art:      basepeak=yes
183.equake:   -QxP -Oa -Qrcd -Qipo  +FDO  shlW32M.lib
187.facerec:  -fast -Qunroll1 -Qscalar_rep- +FDO
188.ammp:     -fast -Oa +FDO  shlW32M.lib
189.lucas:    -fast -Qprefetch- +FDO
```

Copyright ©1999-2005, Standard Performance Evaluation Corporation



## Notes/Tuning Information (Continued)

```
191.fma3d:    basepeak=yes
200.sixtrack: -Qipo -QxP +FDO
301.apsi:     -fast +FDO
Tested systems can be used with Shin-G ATX case, Antec NeoPower 480W power supply
Product description located as of 07/2006
http://www.intel.com/products/motherboard/dg965wh/index.htm
The system bus runs at 800 MHz
```