CFP2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Intel Corporation

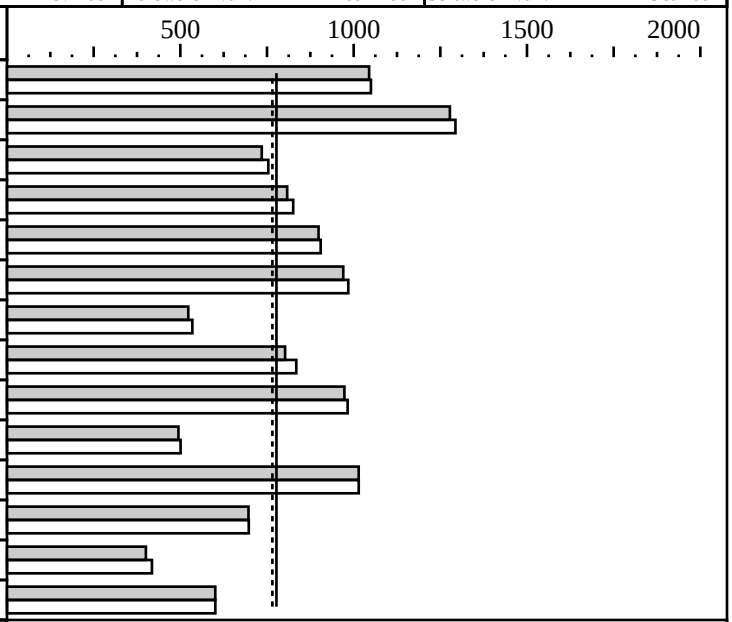
Intel D850MD motherboard (2.2 GHz, Pentium 4 processor)

SPECfp2000 = 777

SPECfp_base2000 = 766

SPEC license #: 13 | Tested by: Intel Corporation | Test date: Nov-2001 | Hardware Avail: Jan-2002 | Software Avail: Oct-2001

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	153	1045	152	1050
171.swim	3100	243	1278	240	1294
172.mgrid	1800	245	735	239	754
173.applu	2100	260	808	254	826
177.mesa	1400	156	899	155	905
178.galgel	2900	299	970	295	985
179.art	2600	497	523	486	535
183.equake	1300	162	802	156	834
187.facerec	1900	195	973	193	983
188.ammp	2200	445	495	439	501
189.lucas	2000	197	1014	197	1015
191.fma3d	2100	301	697	301	697
200.sixtrack	1100	275	401	263	418
301.apsi	2600	433	601	433	601



Hardware

CPU:	Pentium 4 processor (2.2 GHz, 400 MHz bus)
CPU MHz:	2200
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:	512KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	256 MB (2 128 MB PC800 RDRAM non-ECC modules)
Disk Subsystem:	IBM DTLA-307030 ATA-100
Other Hardware:	None

Software

Operating System:	Windows XP Professional(Build 2600)
Compiler:	Intel C++ Compiler 5.0.1 Build 010525Z Intel Fortran Compiler 5.0.1 Build 010525Z 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
```

Copyright ©1999-2004, Standard Performance Evaluation Corporation

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 1/2002:
http://developer.intel.com/design/motherbd/md/index.htm
Motherboard ordering information is available at:
http://program.intel.com/shared/products/boards/D850MD/index.htm
The system bus runs at 400 MHz
```