CFP2000 Result

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Intel Corporation

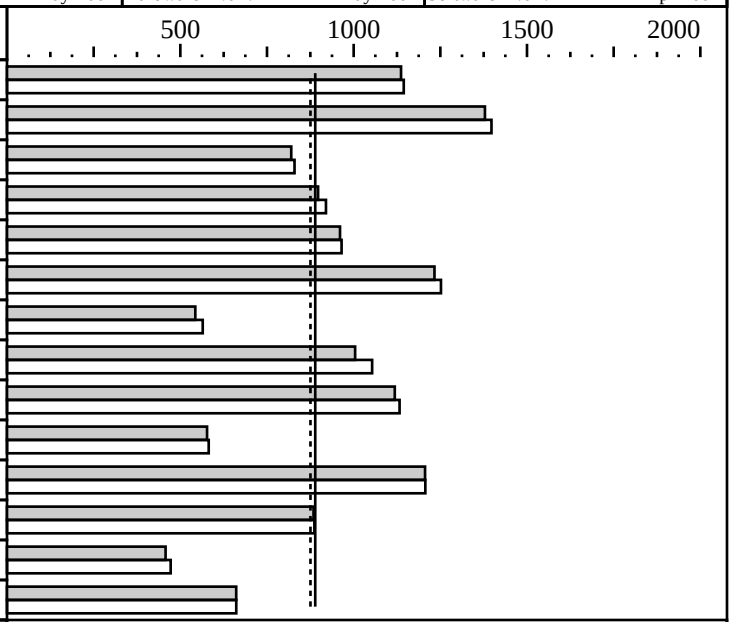
Intel D850EMV2 motherboard (2.53 GHz, Pentium 4 processor)

SPECfp2000 = 889

SPECfp_base2000 = 875

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	141	1137	140	1144
171.swim	3100	225	1379	222	1398
172.mgrid	1800	220	820	217	829
173.applu	2100	234	897	228	920
177.mesa	1400	146	961	145	965
178.galgel	2900	235	1233	232	1252
179.art	2600	479	543	461	565
183.equake	1300	129	1004	123	1053
187.facerec	1900	170	1119	168	1132
188.ammp	2200	381	577	378	582
189.lucas	2000	166	1206	166	1207
191.fma3d	2100	237	884	237	887
200.sixtrack	1100	240	457	233	472
301.apsi	2600	393	661	393	661



Hardware

CPU:	Pentium 4 processor (2.53 GHz, 533 MHz bus)
CPU MHz:	2533
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 PC800-40 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 Intel Fortran Compiler 6.0 Build 020321Z 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 533 MHz
```