CFP2000 Result

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Intel Corporation

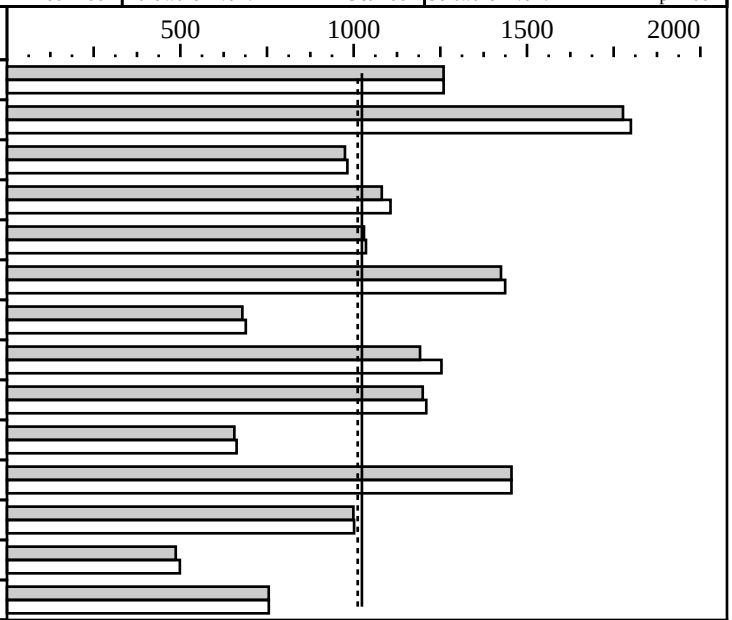
Intel D850EMVR motherboard (2.67 GHz, Pentium 4 processor)

SPECfp2000 = 1024

SPECfp_base2000 = 1012

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	127	1259	127	1260
171.swim	3100	174	1777	172	1800
172.mgrid	1800	185	975	183	982
173.applu	2100	194	1081	190	1106
177.mesa	1400	136	1030	135	1035
178.galgel	2900	204	1425	202	1437
179.art	2600	383	679	377	689
183.equake	1300	109	1191	104	1253
187.facerec	1900	158	1199	157	1209
188.ammp	2200	335	656	332	662
189.lucas	2000	137	1455	137	1455
191.fma3d	2100	210	999	210	1001
200.sixtrack	1100	226	487	221	499
301.apsi	2600	344	755	344	755



Hardware

CPU:	Pentium 4 processor (2.67 GHz, 533 MHz bus)
CPU MHz:	2666
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 PC1066-32 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 10/2002:
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
```