CFP2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Intel Corporation

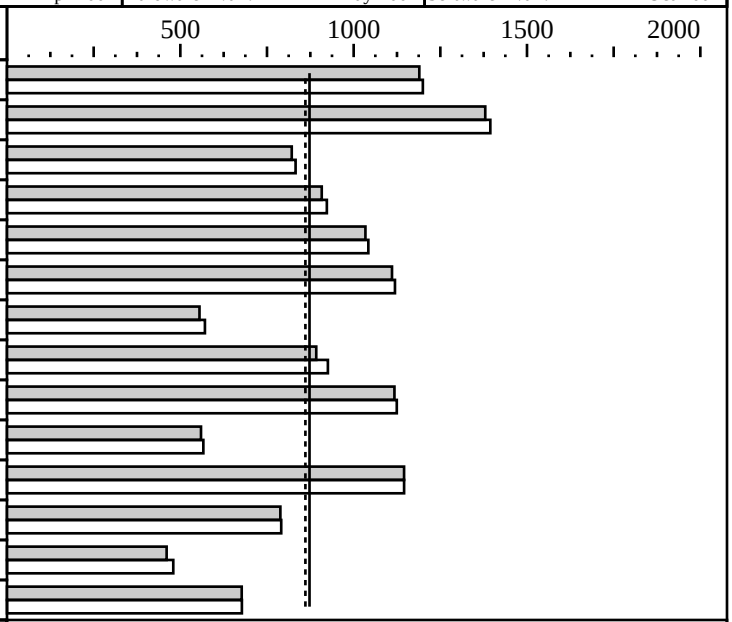
Intel D850EMV2 motherboard (2.53 GHz, Pentium 4 processor)

SPECfp2000 = 873

SPECfp_base2000 = 861

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	135	1189	133	1200
171.swim	3100	225	1380	222	1394
172.mgrid	1800	219	821	216	832
173.applu	2100	231	908	228	923
177.mesa	1400	135	1034	134	1042
178.galgel	2900	261	1111	259	1119
179.art	2600	468	555	455	571
183.equake	1300	146	892	140	926
187.facerec	1900	170	1118	169	1124
188.ammp	2200	393	560	388	566
189.lucas	2000	175	1145	175	1145
191.fma3d	2100	266	789	265	791
200.sixtrack	1100	239	460	229	480
301.apsi	2600	384	677	384	678



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 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

Intel Corporation

Intel D850EMV2 motherboard (2.53 GHz, Pentium 4 processor)

SPECfp2000 = 873

SPECfp_base2000 = 861

SPEC license #: 13	Tested by: Intel Corporation	Test date: Apr-2002	Hardware Avail: May-2002	Software Avail: Oct-2001

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 5/2002:
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
```