



CFP2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Intel Corporation

Intel D850EMVR motherboard (3.06 GHz, Pentium 4 processor with Hyper-Threading Technology)

SPECfp_rate2000 = 12.7

SPECfp_rate_base2000 = 12.5

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
168.wupwise	1	115	16.1	1	114	16.3
171.swim	1	174	20.6	1	172	20.9
172.mgrid	1	175	11.9	1	173	12.0
173.applu	1	186	13.1	1	181	13.4
177.mesa	1	119	13.7	1	118	13.7
178.galgel	1	193	17.5	1	191	17.6
179.art	1	385	7.82	1	375	8.05
183.quake	1	106	14.3	1	101	15.0
187.facerec	1	147	15.0	1	146	15.1
188.amp	1	317	8.05	1	315	8.11
189.lucas	1	133	17.5	1	133	17.5
191.fma3d	1	193	12.6	1	193	12.6
200.sixtrack	1	196	6.51	1	192	6.64
301.apsi	1	321	9.40	1	321	9.40

Hardware

CPU: Intel Pentium 4 Processor with Hyper-Threading Technology(3.06 GHz, 533 MHz bus)
CPU MHz: 3067
FPU: Integrated
CPU(s) enabled: 1 core, 1 chip, 1 core/chip (Hyper-Threading Technology enabled)
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.quake: -Qipo -QxW -Oa -Qrcd +FDO
187.facerec: -Qipo -QxW -O3 +FDO
188.amp: -Qipo -QxW -O3 -Oa +FDO
189.lucas: -Qipo -QxW -O3 +FDO
191.fma3d: -Qipo -QxW -O3 +FDO
```



CFP2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Intel Corporation

Intel D850EMVR motherboard (3.06 GHz, Pentium 4 processor with Hyper-Threading Technology)

SPECfp_rate2000 = 12.7

SPECfp_rate_base2000 = 12.5

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

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