



# CFP2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

## Intel Corporation

Intel D875PBZ motherboard (3.0 GHz, Pentium 4 processor with Hyper-Threading Technology)

SPECfp2000 = 1207

SPECfp\_base2000 = 1201

SPEC license #: 13 Tested by: Intel Corporation Test date: Mar-2003 Hardware Avail: Apr-2003 Software Avail: Apr-2002

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
168.wupwise	1600	103	1560	103	1560	
171.swim	3100	163	1897	164	1890	
172.mgrid	1800	150	1197	150	1200	
173.applu	2100	165	1276	167	1260	
177.mesa	1400	115	1216	115	1216	
178.galgel	2900	161	1805	161	1804	
179.art	2600	293	889	294	884	
183.quake	1300	87.0	1494	81.6	1593	
187.facerec	1900	133	1432	133	1431	
188.ammmp	2200	293	750	293	750	
189.lucas	2000	128	1558	128	1558	
191.fma3d	2100	170	1235	170	1235	
200.sixtrack	1100	197	558	193	569	
301.apsi	2600	303	857	303	857	

### Hardware

CPU: Intel Pentium 4 Processor with Hyper-Threading Technology(3.0 GHz, 800 MHz bus)  
CPU MHz: 3000  
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: 512 MB (4 128 MB PC3200 Samsung CL3-3-3)  
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 7.0 Build 021018Z  
Intel Fortran Compiler 7.0 Build 021028Z  
Microsoft Visual Studio .Net 7.0.9466(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: basepeak=yes
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.ammmp: basepeak=yes
189.lucas: -Qipo -QxW -O3 +FDO
191.fma3d: -Qipo -QxW -O3 +FDO
```



# CFP2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

**Intel Corporation**

Intel D875PBZ motherboard (3.0 GHz, Pentium 4 processor with Hyper-Threading Technology)

SPECfp2000 = 1207

SPECfp\_base2000 = 1201

SPEC license #: 13 | Tested by: Intel Corporation | Test date: Mar-2003 | Hardware Avail: Apr-2003 | 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 4/2003:

<http://developer.intel.com/design/motherbd/bz/index.htm>

Motherboard ordering information is available at:

<http://program.intel.com/shared/products/boards/d875pbz/index.htm>

The system bus runs at 800 MHz