



# CFP2000 Result

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## Intel(R) Corporation

Intel(R) D955XCV motherboard( 3.20 GHz, Intel(R) Pentium(R) processor Extreme Edition supporting Hyper-Threading Technology)

SPECfp\_rate2000 = 30.5

SPECfp\_rate\_base2000 = 30.5

SPEC license #: 13 Tested by: Intel(R) Corporation Test date: Mar-2005 Hardware Avail: May-2005 Software Avail: Sep-2004

| Benchmark    | Base Copies | Base Runtime | Base Ratio | Copies | Runtime | Ratio |
|--------------|-------------|--------------|------------|--------|---------|-------|
| 168.wupwise  | 4           | 130          | 57.3       | 4      | 130     | 57.1  |
| 171.swim     | 4           | 445          | 32.4       | 4      | 445     | 32.4  |
| 172.mgrid    | 4           | 372          | 22.5       | 4      | 372     | 22.5  |
| 173.applu    | 4           | 342          | 28.5       | 4      | 337     | 28.9  |
| 177.mesa     | 4           | 191          | 33.9       | 4      | 191     | 33.9  |
| 178.galgel   | 4           | 335          | 40.2       | 4      | 334     | 40.3  |
| 179.art      | 4           | 373          | 32.4       | 4      | 373     | 32.4  |
| 183.equake   | 4           | 194          | 31.1       | 4      | 196     | 30.7  |
| 187.facerec  | 4           | 210          | 42.1       | 4      | 210     | 42.0  |
| 188.amp      | 4           | 551          | 18.5       | 4      | 547     | 18.7  |
| 189.lucas    | 4           | 296          | 31.3       | 4      | 300     | 30.9  |
| 191.fma3d    | 4           | 331          | 29.4       | 4      | 331     | 29.4  |
| 200.sixtrack | 4           | 286          | 17.8       | 4      | 285     | 17.9  |
| 301.apsi     | 4           | 412          | 29.3       | 4      | 409     | 29.5  |

### Hardware

CPU: Intel(R) Pentium(R) processor Extreme Edition supporting Hyper-Threading Technology (3.20 GHz, 800 MHz bus)  
CPU MHz: 3200  
FPU: Integrated  
CPU(s) enabled: 2 cores, 1 chip, 2 cores/chip (Hyper-Threading Technology enabled)  
CPU(s) orderable: 1  
Parallel: No  
Primary Cache: 12k micro-ops I + 16KBD per core  
Secondary Cache: 1MB(I+D) per core  
L3 Cache: N/A  
Other Cache: N/A  
Memory: 1 GB (2 512MB Micron MT16HTF6464AY-667B3 DDR2 667 CL5-5-5 DIMMs)  
Disk Subsystem: Seagate ST3160023AS 160 GB Serial ATA (7200 RPM, 8MB cache)  
Other Hardware: N/A

### Software

Operating System: Windows XP Professional SP2  
Compiler: Intel(R) C++ Compiler 8.1 Build 20040802Z  
Microsoft Visual Studio .Net 2002(for libraries)  
SmartHeap Library Version 6.0 from <http://www.microquill.com/>  
File System: NTFS  
System State: Default

## Notes/Tuning Information

```
+FDO: PASS1= -Qprof_gen PASS2=-Qprof_use
Base tuning: -fast -Qansi_alias +FDO
Portability:
178.galgel: -FI /F32000000
Peak tuning:
168.wupwise: -fast -Qansi_alias +FDO
171.swim: -fast -Qansi_alias +FDO
172.mgrid: -fast -Qansi_alias +FDO
173.applu: -fast -Qscalar_rep- -Qauto +FDO
177.mesa: basepeak=yes
178.galgel: -fast -Qansi_alias +FDO
179.art: basepeak=yes
183.equake: -QxP -Oa -Qrcd -Qipo +FDO
187.facerec: -fast -Qunroll1 -Qscalar_rep- +FDO
188.amp: -Oa -QxP
189.lucas: -fast -Qprefetch- +FDO
191.fma3d: basepeak=yes
```



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## Notes/Tuning Information (Continued)

200.sixtrack: -Qipo -QxP +FDO

301.apsi: -fast +FDO

Tested systems can be used with Shin-G ATX case, Delta Inc. power supply PS-300GB-1 B

The system bus runs at 800 MHz

The tested system has a PCIe graphics card installed