



# CFP2000 Result

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Intel Corporation  
Intel VC820(1.13 GHz Pentium III processor)

SPECfp2000 = 331  
SPECfp\_base2000 = 320

SPEC license #: 13 Tested by: Intel Corporation Test date: Jun-2000 Hardware Avail: Jul-2000 Software Avail: Oct-2000

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	100 200 300 400 500 600					
168.wupwise	1600	374	428	374	428	[Bar chart showing ratio 428]					
171.swim	3100	762	407	762	407	[Bar chart showing ratio 407]					
172.mgrid	1800	705	255	636	283	[Bar chart showing ratio 283]					
173.applu	2100	815	258	814	258	[Bar chart showing ratio 258]					
177.mesa	1400	247	567	246	569	[Bar chart showing ratio 569]					
178.galgel	2900	971	299	865	335	[Bar chart showing ratio 335]					
179.art	2600	682	381	682	381	[Bar chart showing ratio 381]					
183.quake	1300	546	238	442	294	[Bar chart showing ratio 294]					
187.facerec	1900	588	323	585	325	[Bar chart showing ratio 325]					
188.amp	2200	728	302	712	309	[Bar chart showing ratio 309]					
189.lucas	2000	623	321	628	318	[Bar chart showing ratio 318]					
191.fma3d	2100	709	296	709	296	[Bar chart showing ratio 296]					
200.sixtrack	1100	557	197	562	196	[Bar chart showing ratio 196]					
301.apsi	2600	708	367	683	380	[Bar chart showing ratio 380]					

### Hardware

CPU: Pentium III processor (1.13 GHz, 133 MHz bus)  
 CPU MHz: 1130  
 FPU: Integrated  
 CPU(s) enabled: 1 core, 1 chip, 1 core/chip  
 CPU(s) orderable: 1  
 Parallel: No  
 Primary Cache: 16KBI + 16KBD on-die  
 Secondary Cache: 256KB(I+D) on-die ECC  
 L3 Cache: N/A  
 Other Cache: N/A  
 Memory: 256 MB PC800 RDRAM Non-ECC  
 Disk Subsystem: IBM DTLA 307030 ATA-66+  
 Other Hardware: Creative Labs Annihilator Pro GeForce 256 DDR

### Software

Operating System: Windows 2000(Build 2195)  
 Compiler: Intel C++ and Fortran Compiler 5.0 for Windows NT 4.0/Windows 2000  
 Microsoft Visual C++ 6.0 (for libraries), SmartHeap library V5.0  
 File System: FAT32  
 System State: Default

## Notes/Tuning Information

```
+FDO: PASS1=-Qprof_gen PASS2=-Qprof_use
Base tuning: -QxK -Qipo_wp -O3 +FDO
Portability:
178.galgel: -FI -Fe$@ -link -stack:32000000
Peak tuning:
168.wupwise: -Qipo_wp -QxK -O3 +FDO
171.swim: -Qipo_wp -QxK -O3 +FDO
172.mgrid: -Qipo_wp -QaxK -O3 +FDO
173.applu: -Qipo_wp -QxK -O3 +FDO
177.mesa: -Qipo_wp -QxK -O3 -Oa +FDO
178.galgel: -Qipo_wp -QxK -O3 +FDO -Zi shlw32M.lib
179.art: -Qipo_wp -QxK -O3 -Oa +FDO
183.quake: -Qipo_wp -QxK -Qrcd -Oa +FDO shlw32M.lib
187.facerec: -Qipo_wp -QxK -O3 +FDO -Zi shlw32M.lib
188.amp: -Qipo_wp -QxK -O3 -Oa +FDO
189.lucas: -Qipo_wp -QxK -O3 +FDO -Zi shlw32M.lib
191.fma3d: -Qipo_wp -QxK -O3 +FDO
```



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## Notes/Tuning Information (Continued)

200.sixtrack:-Qipo\_wp -QxK +FDO  
301.apsi: -Qipo\_wp -QxK +FDO  
Tested systems can be used with Shin-G ATX case, Sparkle Inc. power supply  
Product description as of 06/2000:  
<http://developer.intel.com/design/motherbd/vc/>  
Motherboard available through Intel OEM Distribution channel. See  
<http://channel.intel.com/> for more information  
The system bus runs at 133 MHz