



# CFP2000 Result

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Intel Corporation  
Intel VC820(866 MHz Pentium III processor)

SPECfp2000 = 294  
SPECfp\_base2000 = 284

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	100 200 300 400 500				
168.wupwise	1600	436	367	435	368	[Bar chart showing ratio 368]				
171.swim	3100	763	406	763	406	[Bar chart showing ratio 406]				
172.mgrid	1800	764	236	700	257	[Bar chart showing ratio 257]				
173.applu	2100	876	240	871	241	[Bar chart showing ratio 241]				
177.mesa	1400	314	446	313	447	[Bar chart showing ratio 447]				
178.galgel	2900	1030	282	917	316	[Bar chart showing ratio 316]				
179.art	2600	708	367	708	367	[Bar chart showing ratio 367]				
183.quake	1300	583	223	471	276	[Bar chart showing ratio 276]				
187.facerec	1900	694	274	698	272	[Bar chart showing ratio 272]				
188.amp	2200	829	265	810	272	[Bar chart showing ratio 272]				
189.lucas	2000	705	284	707	283	[Bar chart showing ratio 283]				
191.fma3d	2100	815	258	815	258	[Bar chart showing ratio 258]				
200.sixtrack	1100	721	153	727	151	[Bar chart showing ratio 151]				
301.apsi	2600	823	316	795	327	[Bar chart showing ratio 327]				

### Hardware

CPU: Pentium III processor (866 MHz, 133 MHz bus)  
 CPU MHz: 866  
 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  
 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: -QxK -Qipo_wp -O3 +FDO
171.swim: -QxK -Qipo_wp -O3 +FDO
172.mgrid: -QxK -Qipo_wp -O3 +FDO
173.applu: -QxK -Qipo_wp -O3 +FDO
177.mesa: -QxK -Qipo_wp -O3 -Oa +FDO
178.galgel: -QxK -Qipo_wp -O3 +FDO -Zi shlw32M.lib
179.art: -QxK -Qipo_wp -O3 -Oa +FDO
183.quake: -QxK -Qipo_wp -Qrcd -Oa +FDO shlw32M.lib
187.facerec: -QxK -Qipo_wp -O3 +FDO -Zi shlw32M.lib
188.amp: -QxK -Qipo_wp -O3 -Oa +FDO
189.lucas: -QxK -Qipo_wp -O3 +FDO -Zi shlw32M.lib
191.fma3d: -QxK -Qipo_wp -O3 +FDO
```



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## Notes/Tuning Information (Continued)

200.sixtrack:-QxK -Qipo\_wp +FDO

301.apsi: -QxK -Qipo\_wp +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