



# CFP2000 Result

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Intel Corporation  
Intel VC820(850 MHz Pentium III processor)

SPECfp2000 = 268  
SPECfp\_base2000 = 259

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	469	341	469	341					
171.swim	3100	895	346	896	346					
172.mgrid	1800	854	211	775	232					
173.applu	2100	987	213	982	214					
177.mesa	1400	322	434	322	435					
178.galgel	2900	1170	248	1036	280					
179.art	2600	824	316	825	315					
183.earthquake	1300	652	199	524	248					
187.facerec	1900	736	258	740	257					
188.amp	2200	892	247	873	252					
189.lucas	2000	774	258	778	257					
191.fma3d	2100	876	240	876	240					
200.sixtrack	1100	739	149	745	148					
301.apsi	2600	891	292	861	302					

### Hardware

CPU: Pentium III processor (850 MHz, 100 MHz bus)  
CPU MHz: 850  
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.earthquake: -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 100 MHz