



CFP2000 Result

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Intel Corporation
Intel VC820(933 MHz Pentium III processor)

SPECfp2000 = 305
SPECfp_base2000 = 295

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	100 200 300 400 500				
168.wupwise	1600	418	383	417	384	[Bar chart showing ratio 384]				
171.swim	3100	762	407	762	407	[Bar chart showing ratio 407]				
172.mgrid	1800	745	242	671	268	[Bar chart showing ratio 268]				
173.applu	2100	858	245	850	247	[Bar chart showing ratio 247]				
177.mesa	1400	293	478	292	479	[Bar chart showing ratio 479]				
178.galgel	2900	1007	288	898	323	[Bar chart showing ratio 323]				
179.art	2600	697	373	698	373	[Bar chart showing ratio 373]				
183.earthquake	1300	565	230	460	283	[Bar chart showing ratio 283]				
187.facerec	1900	660	288	662	287	[Bar chart showing ratio 287]				
188.amp	2200	797	276	778	283	[Bar chart showing ratio 283]				
189.lucas	2000	677	295	679	294	[Bar chart showing ratio 294]				
191.fma3d	2100	779	270	779	270	[Bar chart showing ratio 270]				
200.sixtrack	1100	671	164	677	163	[Bar chart showing ratio 163]				
301.apsi	2600	788	330	760	342	[Bar chart showing ratio 342]				

Hardware

CPU: Pentium III processor (933 MHz, 133 MHz bus)
CPU MHz: 933
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 133 MHz