



CFP2000 Result

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Intel Corporation
Intel VC820 (733 MHz Pentium III)

SPECfp2000 = 244

SPECfp_base2000 = 234

SPEC license #: 13 Tested by: Intel Corporation Test date: Mar-2000 Hardware Avail: Nov-1999 Software Avail: Feb-2000

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
168.wupwise	1600	589	272	569	281	
171.swim	3100	853	363	851	364	
172.mgrid	1800	892	202	892	202	
173.applu	2100	1072	196	1050	200	
177.mesa	1400	481	291	481	291	
178.galgel	2900	1132	256	1048	277	
179.art	2600	869	299	888	293	
183.quake	1300	611	213	486	268	
187.facerec	1900	1016	187	922	206	
188.amp	2200	886	248	885	248	
189.lucas	2000	808	247	809	247	
191.fma3d	2100	974	216	908	231	
200.sixtrack	1100	906	121	852	129	
301.apsi	2600	988	263	941	276	

Hardware

CPU: 733 MHz Pentium III processor
CPU MHz: 733
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 DJNA 371800 ATA-66
Other Hardware: Diamond Multimedia Viper 770 Ultra TNT2 AGP

Software

Operating System: Windows 2000 (Build 2195)
Compiler: Intel C and Fortran Compiler 4.5 for Windows 2000
Microsoft Visual C++ 6.0 C libraries, SmartHeap library
File System: FAT32
System State: Default

Notes/Tuning Information

```
+FDO: PASS1=-Qprof_gen PASS2=-Qprof_use
Base tuning: -QaxK -Qipo_wp -O3 +FDO
Portability:
178.galgel: -FI -Fe$@ -link -stack:32000000
Peak tuning:
168.wupwise: -Qipo_wp -QxK +FDO
171.swim: -Qipo_wp -QaxK -O3 +FDO
172.mgrid: -Qipo_wp -QaxK -O3 +FDO
173.applu: -Qipo_wp -QxK +FDO
177.mesa: -Qipo_wp -QaxK -O3 +FDO shlw32M.lib
178.galgel: -Qipo_wp -QxK -O3 +FDO -Zi shlw32M.lib
179.art: -Qipo_wp -QxK +FDO shlw32M.lib
183.quake: -QxK -Qrcd -Ow -Qipo_wp +FDO shlw32M.lib
187.facerec: -Qipo_wp -QxK -O3 +FDO -Zi shlw32M.lib
188.amp: -Qipo_wp -QaxK -O3 +FDO shlw32M.lib
189.lucas: -Qipo_wp -QxK -O3 +FDO -Zi shlw32M.lib
191.fma3d: -QxK -O1 +FDO
```



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Notes/Tuning Information (Continued)

200.sixtrack: -Qipo_wp -QxK +FDO

Tested systems can be used with Shin-G ATX case, Sparkle Inc., power supply

Product description located as of 03/2000:

http://developer.intel.com/design/motherbd/vc/vc_ds.htm

Motherboard is available through Intel OEM Distribution Channel. See

<http://channel.intel.com/> for more information

The system bus runs at 133 MHz