



CFP2000 Result

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Intel Corporation
Intel VC820 (1.0 GHz MHz Pentium III)

SPECfp2000 = 284
SPECfp_base2000 = 273

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	100 200 300 400 500				
168.wupwise	1600	481	332	471	340					
171.swim	3100	842	368	842	368					
172.mgrid	1800	774	232	774	232					
173.applu	2100	949	221	940	223					
177.mesa	1400	360	389	360	389					
178.galgel	2900	1050	276	965	301					
179.art	2600	820	317	845	308					
183.earthquake	1300	559	233	448	290					
187.facerec	1900	830	229	748	254					
188.amp	2200	762	289	762	289					
189.lucas	2000	703	285	706	283					
191.fma3d	2100	810	259	759	277					
200.sixtrack	1100	672	164	632	174					
301.apsi	2600	820	317	781	333					

Hardware

CPU: 1.0 GHz Pentium III processor
CPU MHz: 1000
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.earthquake: -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