



CFP2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Intel Corporation
Intel VC820(800 MHz Pentium III processor)

SPECfp2000 = 282
SPECfp_base2000 = 273

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

| Benchmark | Reference Time | Base Runtime | Base Ratio | Runtime | Ratio | |
|--------------|----------------|--------------|------------|---------|-------|--|
| 168.wupwise | 1600 | 460 | 348 | 459 | 349 | |
| 171.swim | 3100 | 767 | 404 | 766 | 405 | |
| 172.mgrid | 1800 | 798 | 226 | 743 | 242 | |
| 173.applu | 2100 | 900 | 233 | 894 | 235 | |
| 177.mesa | 1400 | 338 | 415 | 337 | 416 | |
| 178.galgel | 2900 | 1049 | 276 | 937 | 309 | |
| 179.art | 2600 | 714 | 364 | 714 | 364 | |
| 183.quake | 1300 | 593 | 219 | 478 | 272 | |
| 187.facerec | 1900 | 730 | 260 | 739 | 257 | |
| 188.amp | 2200 | 861 | 256 | 841 | 262 | |
| 189.lucas | 2000 | 730 | 274 | 731 | 274 | |
| 191.fma3d | 2100 | 850 | 247 | 850 | 247 | |
| 200.sixtrack | 1100 | 778 | 141 | 785 | 140 | |
| 301.apsi | 2600 | 862 | 302 | 832 | 312 | |

Hardware

CPU: Pentium III processor (800 MHz, 133 MHz bus)
CPU MHz: 800
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
```



CFP2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Intel Corporation
Intel VC820(800 MHz Pentium III processor)

SPECfp2000 = 282

SPECfp_base2000 = 273

SPEC license #: 13 | Tested by: Intel Corporation | Test date: Jun-2000 | Hardware Avail: Nov-1999 | Software Avail: Oct-2000

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