CINT2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Intel Corporation

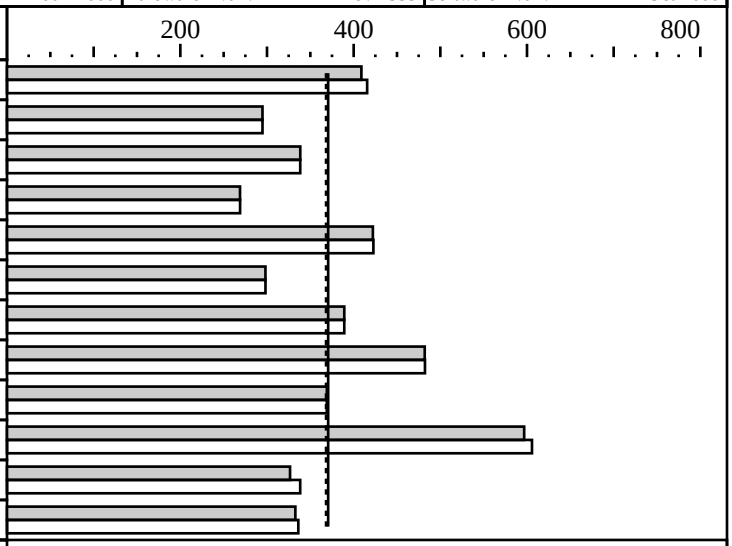
Intel VC820(800 MHz Pentium III processor)

SPECint2000 = 371

SPECint_base2000 = 368

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
164.gzip	1400	342	409	337	416
175.vpr	1400	475	295	475	295
176.gcc	1100	325	338	325	338
181.mcf	1800	669	269	669	269
186.crafty	1000	237	422	237	423
197.parser	1800	604	298	604	298
252.eon	1300	334	389	334	389
253.perlbmk	1800	373	482	373	482
254.gap	1100	298	369	298	369
255.vortex	1900	318	597	314	606
256.bzip2	1500	459	327	443	338
300.twolf	3000	902	333	893	336



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 Annihalator 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 shlW32M.lib +FDO
shlW32M.lib is the SmartHeap library V5.0 from MicroQuill www.microquill.com
Portability flags:
175.vpr: -Op        176.gcc: -Dalloca=_alloca /F10000000 -Op
186.crafy: -DNT_i386
253.perlbmk: -DSPEC_CPU2000_NTOS -DPERLDLL /MT
254.gap: -DSYS_HAS_CALLOC_PROTO -DSYS_HAS_MALLOC_PROTO
Peak tuning:
164.gzip, 175.vpr, 176.gcc, 181.mcf, 186.crafty, 197.parser, 252.eon, 253.perlbmk, 254.gap:
-QxK -Qipo_wp +FDO shlW32M.lib
255.vortex, 256.bzip2, 300.twolf:
-QxK -Qipo_wp +FDO -Oa shlW32M.lib
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
```