CINT2000 Result

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Intel Corporation

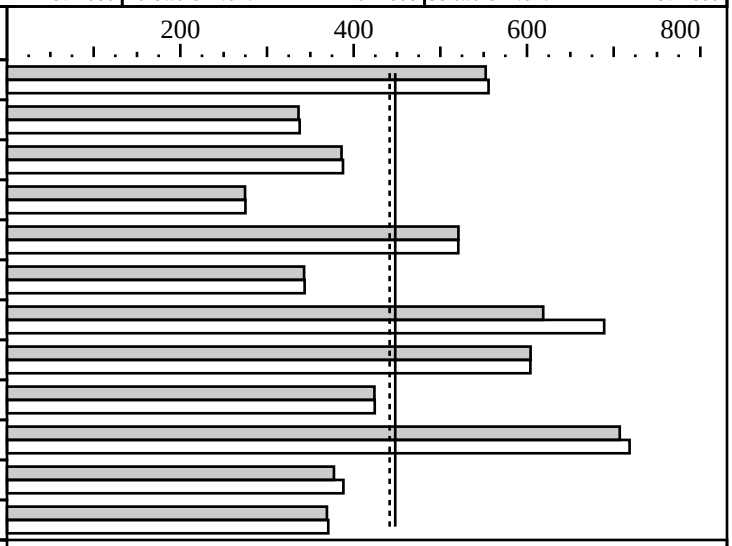
Intel VC820 (1.0B GHz, Pentium III processor)

SPECint2000 = 448

SPECint_base2000 = 442

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	253	552	252	556
175.vpr	1400	416	336	415	338
176.gcc	1100	285	386	284	388
181.mcf	1800	655	275	654	275
186.crafty	1000	192	521	192	521
197.parser	1800	525	343	524	343
252.eon	1300	210	619	189	689
253.perlbmk	1800	298	604	298	604
254.gap	1100	259	424	259	424
255.vortex	1900	269	707	264	718
256.bzip2	1500	398	377	386	388
300.twolf	3000	813	369	809	371



Hardware

CPU:	Pentium III processor (1.0B GHz, 133 MHz bus)
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 chip
Secondary Cache:	256KB(I+D) on chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	256 MB (2 128 MB PC800 RDRAM non-ECC modules)
Disk Subsystem:	IBM DTLA-307030 ATA-100
Other Hardware:	Creative Labs Annihalator 2

Software

Operating System:	Windows 2000 (Build 2195)
Compiler:	Intel C/C++ Compiler 5.0, Microsoft Visual C++ 6.0 (for libraries), Other software: Microquill SmartHeap V5.0
File System:	FAT32
System State:	Default

Notes/Tuning Information

```
+FDO: PASS1=-Qprof_gen  PASS2=-Qprof_use
Base tuning for C programs:   -QxK -Qipo shlW32M.lib +FDO
Base tuning for C++ programs: -QxK -Qipo -GX -GR
shlW32M.lib is the SmartHeap library V5.0 from MicroQuill www.microquill.com
Portability flags:
176.gcc: -Dalloca=_alloca /F10000000
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, 253.perlbmk, 254.gap:
-QxK -Qipo FDO shlW32M.lib
 255.vortex, 256.bzip2, 300.twolf:
-QxK -Qipo FDO -Oa shlW32M.lib
 252.eon:
-QxK -Qipo +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
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Notes/Tuning Information (Continued)

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http://channel.intel.com/ for more information
The system bus runs at 133 MHz
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