



CINT2000 Result

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Intel Corporation
Intel VC820(1 GHz Pentium III processor)

SPECint2000 = 428
SPECint_base2000 = 426

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	200 400 600 800			
164.gzip	1400	277	505	277	505	[Bar chart showing ratio 505]			
175.vpr	1400	428	327	427	328	[Bar chart showing ratio 328]			
176.gcc	1100	292	377	291	379	[Bar chart showing ratio 379]			
181.mcf	1800	657	274	655	275	[Bar chart showing ratio 275]			
186.crafty	1000	191	524	191	525	[Bar chart showing ratio 525]			
197.parser	1800	530	340	529	340	[Bar chart showing ratio 340]			
252.eon	1300	267	487	267	487	[Bar chart showing ratio 487]			
253.perlbmk	1800	305	590	305	590	[Bar chart showing ratio 590]			
254.gap	1100	262	419	262	419	[Bar chart showing ratio 419]			
255.vortex	1900	269	706	266	715	[Bar chart showing ratio 715]			
256.bzip2	1500	402	373	389	385	[Bar chart showing ratio 385]			
300.twolf	3000	821	366	813	369	[Bar chart showing ratio 369]			

Hardware

CPU: Pentium III processor (1 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-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

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+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.craffy: -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.craffy, 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
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