



CINT2000 Result

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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	200 400 600 800			
164.gzip	1400	342	409	337	416	[Bar chart showing ratio 416]			
175.vpr	1400	475	295	475	295	[Bar chart showing ratio 295]			
176.gcc	1100	325	338	325	338	[Bar chart showing ratio 338]			
181.mcf	1800	669	269	669	269	[Bar chart showing ratio 269]			
186.crafty	1000	237	422	237	423	[Bar chart showing ratio 423]			
197.parser	1800	604	298	604	298	[Bar chart showing ratio 298]			
252.eon	1300	334	389	334	389	[Bar chart showing ratio 389]			
253.perlbmk	1800	373	482	373	482	[Bar chart showing ratio 482]			
254.gap	1100	298	369	298	369	[Bar chart showing ratio 369]			
255.vortex	1900	318	597	314	606	[Bar chart showing ratio 606]			
256.bzip2	1500	459	327	443	338	[Bar chart showing ratio 338]			
300.twolf	3000	902	333	893	336	[Bar chart showing ratio 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 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 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.crafty: -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