



CINT2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Intel Corporation
Intel VC820 (667 MHz Pentium III)

SPECint2000 = 314
SPECint_base2000 = 310

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	100 200 300 400 500 600					
164.gzip	1400	416	336	413	339	[Bar chart showing ratio 339]					
175.vpr	1400	520	269	520	269	[Bar chart showing ratio 269]					
176.gcc	1100	370	297	366	300	[Bar chart showing ratio 300]					
181.mcf	1800	753	239	753	239	[Bar chart showing ratio 239]					
186.crafty	1000	296	338	296	338	[Bar chart showing ratio 338]					
197.parser	1800	667	270	666	270	[Bar chart showing ratio 270]					
252.eon	1300	481	271	481	271	[Bar chart showing ratio 271]					
253.perlbmk	1800	452	398	452	398	[Bar chart showing ratio 398]					
254.gap	1100	378	291	375	294	[Bar chart showing ratio 294]					
255.vortex	1900	371	513	361	526	[Bar chart showing ratio 526]					
256.bzip2	1500	530	283	508	295	[Bar chart showing ratio 295]					
300.twolf	3000	1012	296	979	306	[Bar chart showing ratio 306]					

Hardware

CPU: 667 MHz Pentium III processor
CPU MHz: 667
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 non-ECC
Disk Subsystem: IBM DJNA 371800 ATA-66
Other Hardware: Diamond Multimedia Viper 770 Ultra TNT2 AGP

Software

Operating System: Windows 2000 (Build 2195)
Compiler: Intel C Compiler 4.5 for Windows 2000
Microsoft Visual C++ 6.0 C libraries, SmartHeap library
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:
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, 181.mcf, 186.crafty, 197.parser, 252.eon, 253.perlbmk:
-QxK -Qipo_wp FDO shlw32m.lib
176.gcc, 254.gap, 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 located as of 03/2000:
http://developer.intel.com/design/motherbd/vc/vc_ds.htm
Motherboard is available through Intel OEM Distribution Channel. See
<http://channel.intel.com/> for more information
The system bus runs at 133 MHz