CINT2000 Result

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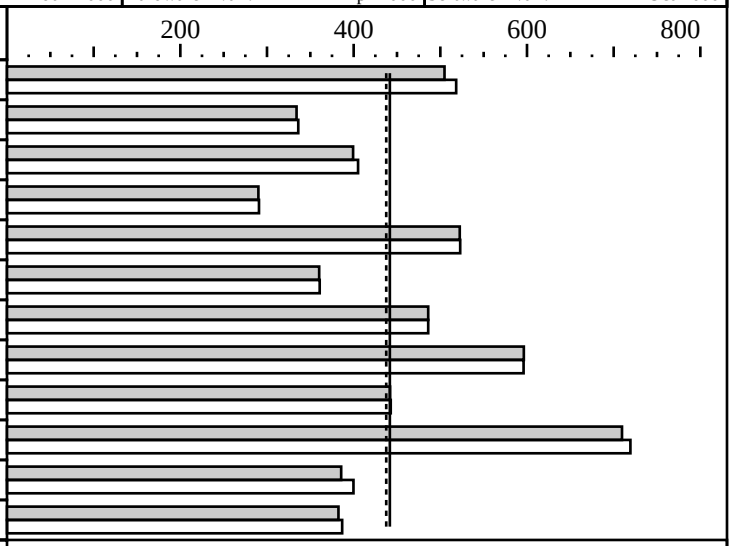
Intel Corporation
Intel OR840(1 GHz Pentium III processor)

SPECint2000 = 442

SPECint_base2000 = 438

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	277	505	270	518
175.vpr	1400	419	334	417	336
176.gcc	1100	275	399	272	405
181.mcf	1800	621	290	619	291
186.crafty	1000	191	522	191	523
197.parser	1800	500	360	499	361
252.eon	1300	267	486	267	486
253.perlbmk	1800	302	596	302	596
254.gap	1100	249	442	248	443
255.vortex	1900	268	710	264	719
256.bzip2	1500	389	386	375	400
300.twolf	3000	784	382	776	387



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:	1,2
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

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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.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,
Product description as of 06/2000:
http://developer.intel.com/design/wrkstn/or840/
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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