CINT2000 Result

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Intel Corporation

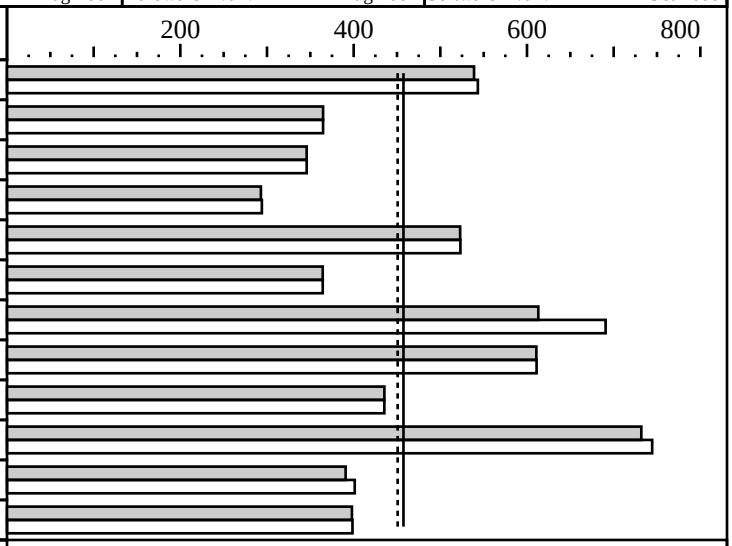
Intel D815EEA2 motherboard (1.0B GHz, Pentium III processor)

SPECint2000 = 457

SPECint_base2000 = 451

SPEC license #: 13 | Tested by: Intel Corporation | Test date: Aug-2001 | Hardware Avail: Aug-2001 | Software Avail: Oct-2000

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	260	539	258	543
175.vpr	1400	384	365	384	365
176.gcc	1100	318	346	318	346
181.mcf	1800	614	293	612	294
186.crafty	1000	191	523	191	523
197.parser	1800	494	364	494	364
252.eon	1300	212	613	188	691
253.perlbmk	1800	295	611	295	611
254.gap	1100	253	435	253	435
255.vortex	1900	260	732	255	744
256.bzip2	1500	384	391	374	401
300.twolf	3000	754	398	753	399



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:	128 MB PC133 CL2 SDRAM (2 * 128 MB sticks)
Disk Subsystem:	IBM DTLA-307030 ATA-100
Other Hardware:	None

Software

Operating System:	Windows 2000 (Build 2195, SP1)
Compiler:	Intel C++ Compiler 5.0 for Windows Build 001120 Microsoft Visual C++ 6.0(for libraries) MicroQuill SmartHeap V5.0
File System:	FAT32
System State:	Default

Notes/Tuning Information

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+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, Nspire MAV-250P power supply.
Product information as of 08/2001:
http://developer.intel.com/design/motherbd/ea2/index.htm
Motherboard is available through Intel OEM Distribution Channel.
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Notes/Tuning Information (Continued)

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