CINT2000 Result

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Intel Corporation

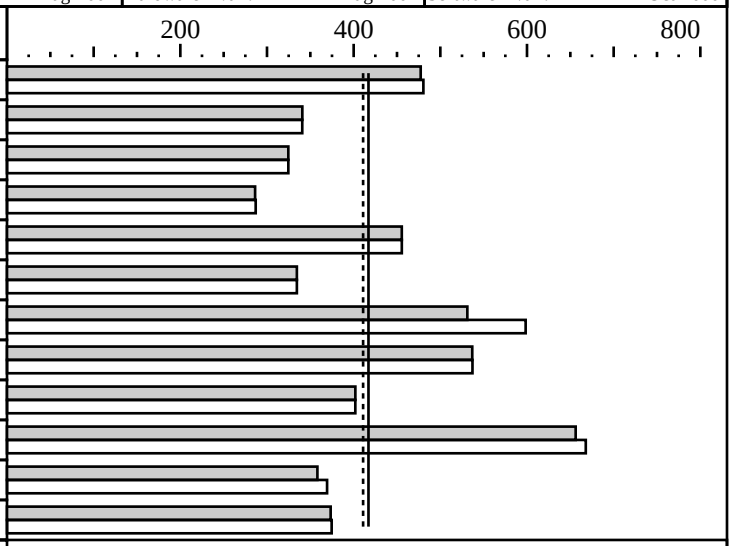
Intel D815EEA2 motherboard (866 MHz, Pentium III processor)

SPECint2000 = 417

SPECint_base2000 = 411

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	293	477	291	480
175.vpr	1400	411	341	411	341
176.gcc	1100	339	325	339	325
181.mcf	1800	629	286	627	287
186.crafty	1000	220	456	220	456
197.parser	1800	538	334	538	334
252.eon	1300	245	531	217	598
253.perlbmk	1800	335	537	335	537
254.gap	1100	274	402	274	402
255.vortex	1900	290	656	285	668
256.bzip2	1500	419	358	406	369
300.twolf	3000	803	373	801	375



Hardware

CPU:	Pentium III processor (866 MHz, 133 MHz bus)
CPU MHz:	866
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