CINT2000 Result

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Intel Corporation

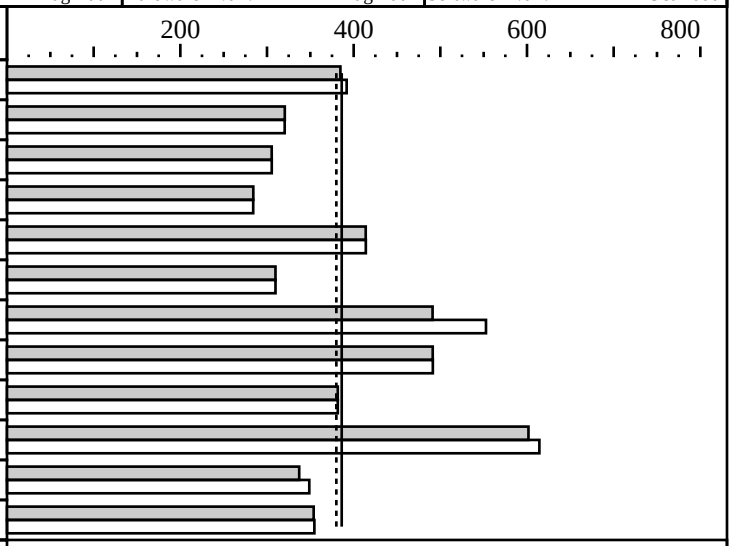
Intel D815EEA2 motherboard (800 MHz, Pentium III processor)

SPECint2000 = 386

SPECint_base2000 = 380

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	364	385	357	392
175.vpr	1400	437	321	437	320
176.gcc	1100	360	305	360	305
181.mcf	1800	633	284	634	284
186.crafty	1000	242	414	242	414
197.parser	1800	581	310	581	310
252.eon	1300	265	491	235	553
253.perlbmk	1800	366	491	366	491
254.gap	1100	288	382	288	382
255.vortex	1900	316	602	309	614
256.bzip2	1500	445	337	430	349
300.twolf	3000	848	354	846	355



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 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)

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