



CINT2000 Result

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Intel Corporation

Intel D815EEA2 motherboard (933 MHz, Pentium III processor)

SPECint2000 = 428

SPECint_base2000 = 421

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	316	444	311	451	
175.vpr	1400	404	347	404	346	
176.gcc	1100	336	327	337	327	
181.mcf	1800	618	291	618	291	
186.crafty	1000	208	480	208	480	
197.parser	1800	526	342	526	342	
252.eon	1300	227	573	202	645	
253.perlbnk	1800	318	565	318	565	
254.gap	1100	263	418	263	418	
255.vortex	1900	280	680	275	692	
256.bzip2	1500	404	371	392	383	
300.twolf	3000	788	381	786	382	

Hardware

CPU: Pentium III processor (933 MHz, 133 MHz bus)
 CPU MHz: 933
 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.crafty: -DNT_i386
253.perlbnk: -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.perlbnk, 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