



CINT2000 Result

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Intel Corporation

Intel D815EEA2 motherboard (1.0 GHz, Pentium III processor)

SPECint2000 = 408

SPECint_base2000 = 402

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	275	510	270	519	
175.vpr	1400	450	311	451	310	
176.gcc	1100	380	290	380	289	
181.mcf	1800	790	228	791	227	
186.crafty	1000	194	515	194	515	
197.parser	1800	568	317	568	317	
252.eon	1300	212	613	188	690	
253.perlbnk	1800	305	590	305	589	
254.gap	1100	292	377	292	377	
255.vortex	1900	282	673	277	685	
256.bzip2	1500	437	343	427	351	
300.twolf	3000	896	335	894	336	

Hardware

CPU: Pentium III processor (1.0 GHz, 100 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.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 100 MHz