



CINT2000 Result

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Intel Corporation

Intel SE440BX2 Motherboard(450 MHz, Pentium III processor)

SPECint2000 = 213

SPECint_base2000 = 211

SPEC license #: 13 Tested by: Intel Corporation Test date: Feb-2002 Hardware Avail: Mar-1999 Software Avail: Jun-2001

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	815	172	814	172	
175.vpr	1400	949	148	948	148	
176.gcc	1100	652	169	652	169	
181.mcf	1800	875	206	873	206	
186.crafty	1000	517	193	517	194	
197.parser	1800	941	191	940	191	
252.eon	1300	469	277	443	293	
253.perlbnk	1800	709	254	709	254	
254.gap	1100	480	229	480	229	
255.vortex	1900	589	323	572	332	
256.bzip2	1500	767	196	743	202	
300.twolf	3000	1280	234	1261	238	

Hardware

CPU: Pentium III processor (450 MHz, 100 MHz bus)
 CPU MHz: 450
 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: 512KB(I+D) on chip
 L3 Cache: N/A
 Other Cache: N/A
 Memory: 256 MB PC100 SDRAM (2 * 128 MB)
 Disk Subsystem: IBM DTLA-307030 ATA-100
 Other Hardware: None

Software

Operating System: Windows XP Professional (Build 2600)
 Compiler: Intel C++ Compiler 5.0.1 for Windows Build 010525Z
 Microsoft Visual C++ 6.0 SP5(for libraries)
 MicroQuill SmartHeap V6.0
 File System: FAT32
 System State: Default

Notes/Tuning Information

+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 V6.0 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 02/2002:
<http://support.intel.com/support/motherboards/desktop/se440bx2/>
 The system bus runs at 100 MHz