CINT2000 Result

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Intel Corporation

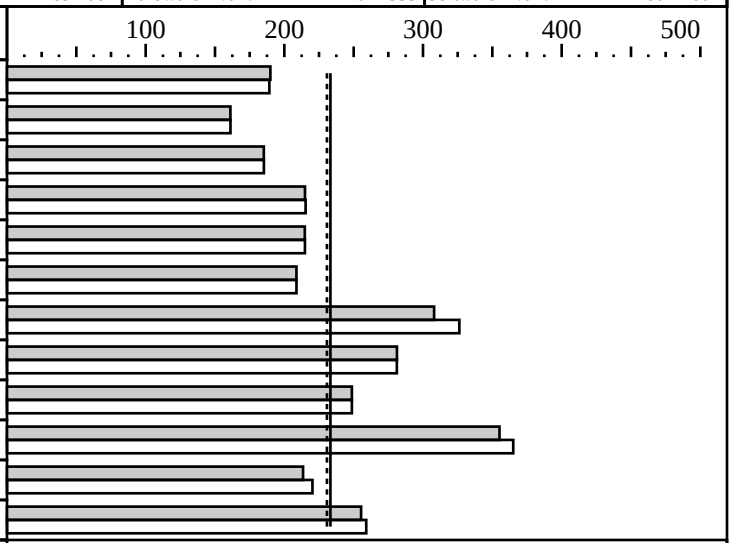
Intel SE440BX2 Motherboard(500 MHz, Pentium III processor)

SPECint2000 = 233

SPECint_base2000 = 231

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	737	190	740	189
175.vpr	1400	869	161	869	161
176.gcc	1100	594	185	594	185
181.mcf	1800	838	215	836	215
186.crafty	1000	466	215	465	215
197.parser	1800	862	209	862	209
252.eon	1300	422	308	399	326
253.perlbmk	1800	640	281	640	281
254.gap	1100	442	249	442	249
255.vortex	1900	535	355	520	365
256.bzip2	1500	703	214	681	220
300.twolf	3000	1175	255	1158	259



Hardware

CPU:	Pentium III processor (500 MHz, 100 MHz bus)
CPU MHz:	500
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

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