SPEC CINT95 Results

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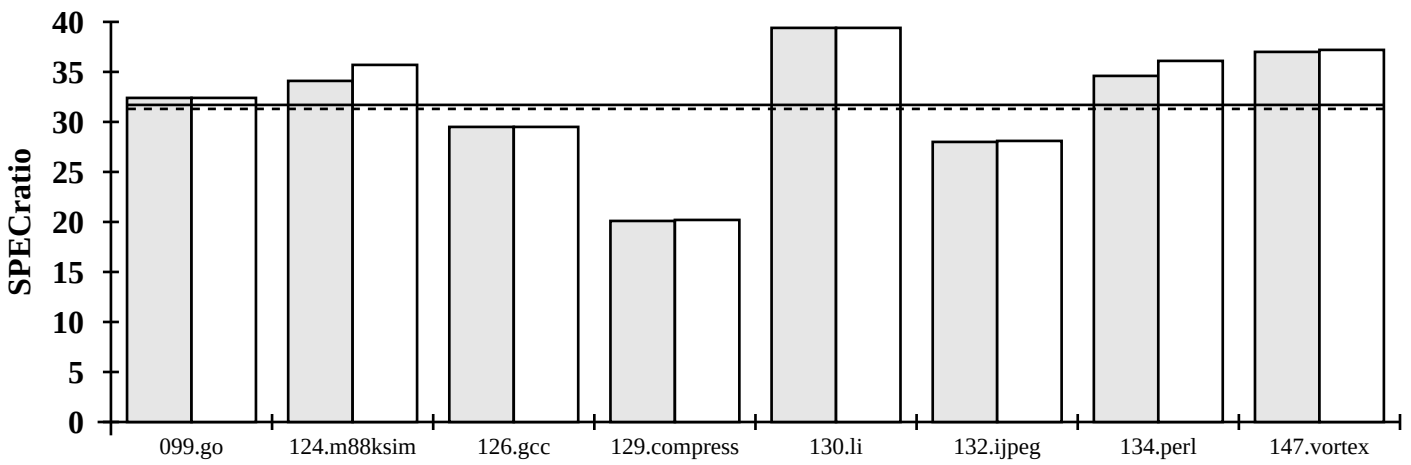
Intel Corporation
Intel SE440BX2 Motherboard

SPECint95 = 31.7

SPECint_base95 = 31.3

SPEC license # 14 | Tested By: Intel Corporation | Test Date: Oct-99 | Hardware Avail: Nov-99 | Software Avail: Feb-00



Hardware/Software Configuration for:
Intel SE440BX2 Motherboard

Hardware

Model Name:	Intel SE440BX2 Motherboard
CPU:	650 MHz Pentium III processor
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	16KBI+16KBD on chip
Secondary Cache:	256 KB(I+D) on chip
Other Cache:	None
Memory:	128MB 100MHz SDRAM
Disk Subsystem:	IBM DJNA 371800 ATA-66
Other Hardware:	Diamond Multimedia Viper 770 Ultra TNT2 AGP

Software

Operating System:	Microsoft Windows NT 4.0 (SVP 5.0)
Compiler:	Intel C Compiler 4.5 for Windows NT 4.0, Microsoft Visual C++ 6.0(for libraries)
File System:	NTFS
System State:	Default

Benchmark # and Name	Reference Time	Base Run Time	Base SPEC Ratio	Run Time	SPEC Ratio
099.go	4600	142	32.4	142	32.4
124.m88ksim	1900	55.6	34.1	53	35.7
126.gcc	1700	57.7	29.5	58	29.5
129.compress	1800	89.4	20.1	89	20.2
130.li	1900	48.2	39.4	48	39.4
132.ijpeg	2400	85.6	28.0	86	28.1
134.perl	1900	54.9	34.6	53	36.1
147.vortex	2700	73.0	37.0	73	37.2
SPECint_base95 (G. Mean)			31.3		
			SPECint95 (G. Mean)		31.7

Notes/Tuning Information

```
+FDO: PASS1=-Qprof_gen -Qprof_dir c:/temp/IRCDB PASS2=-Qprof_use -Qprof_dir c:/temp/IRCDB
Base flags: -QxK -Qipo_wp +FDO shlW32M.lib
-Qprof_dir is a location flag and not an optimization flag
Peak flags:
099: -QxK -Qipo_wp -Qunroll0 -Oa +FDO shlW32M.lib
124: -QxK -Qipo -Oa +FDO shlW32M.lib
126: -QxK -Qipo_wp -Oa +FDO shlW32M.lib
129: -QxK -Qipo_wp +FDO shlW32M.lib
130: -QxK -Qipo_wp +FDO shlW32M.lib
132: -QxK -Qipo_wp +FDO shlW32M.lib
134: -QxK -Qipo -Qrcd +FDO shlW32M.lib
147: -QxK -Qipo_wp +FDO shlW32M.lib
shlW32M.lib is the SmartHeap library Version 5.0 from MicroQuill www.microquill.com
Portability: 124:-DNT -DLEHOST
Portability: 126: -D__STDC__=0 -DONLY_INT_FIELDS=0 -Dalloca=_alloca -DDeleteFile=remove
Portability: 132: -DSYSV -DMSDOS
Portability: 134: -DMSDOS -DI_TIME
Microsoft Visual C++ 6.0 is also installed for libraries
Tested systems can be used with Shin-G ATX Computer Case;  Sparkle, Inc. ATX Power Supply
Product description located as of 11/99:
  http://developer.intel.com/design/motherbd/se2/se2_ds.htm
  Motherboard is available through Intel OEM Distribution Channel. See
  http://www.intel.com/intel/contact/ for more information
  The product code for the motherboard is BOXSE440BX2V
-- The system bus runs at 100 MHz
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