SPEC CFP95 Results

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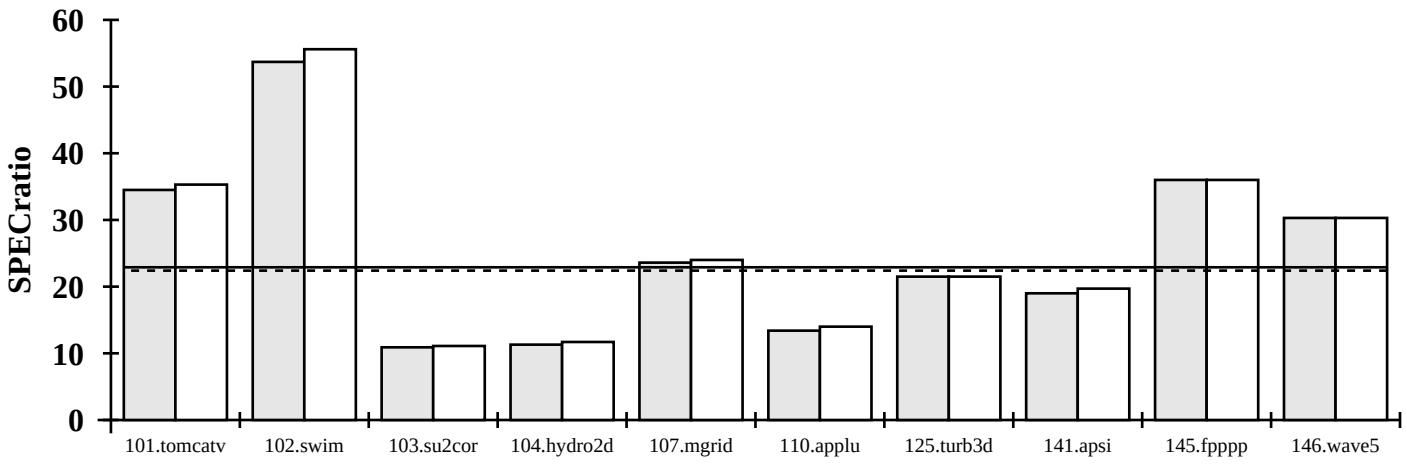
Intel Corporation Intel SE440BX2 Motherboard	SPECfp95 = 22.9 SPECfp_base95 = 22.4

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
101.tomcatv	3700	107	34.5	105	35.3
102.swim	8600	160	53.7	155	55.6
103.su2cor	1400	129	10.9	126	11.1
104.hydro2d	2400	212	11.3	206	11.7
107.mgrid	2500	106	23.6	104	24.0
110.applu	2200	164	13.4	158	14.0
125.turb3d	4100	191	21.5	190	21.5
141.apsi	2100	110	19.0	107	19.7
145.fpppp	9600	267	36.0	267	36.0
146.wave5	3000	99.0	30.3	99	30.3
SPECfp_base95 (G. Mean)			22.4		
		SPECfp95 (G. Mean)			22.9

Notes/Tuning Information

```
+FDO: PASS1=-Qprof_gen -Qprof_dir c:/temp/IRCDB PASS2=-Qprof_use -Qprof_dir c:/temp/IRCDB
Base flags: -Qipo_wp -QaxK -O3 +FDO
-Qprof_dir is a location flag and not an optimization flag
Peak flags:
101: -QaxK -O3 -Qrcd -Qip -Qipo_wp -Qscalar_rep- +FDO
102: -QxK -O3 -Qpc 32 -Qipo_wp
103: -QxK -O3 -Qip -Qipo_wp
104: -QxK -O3 -Qip -Qscalar_rep- -Qipo_wp +FDO
107: -QaxK -O3 -Qip +FDO
110: -Qipo_wp +FDO
125: -QaxK -O3 -Qrcd -Qip -Qprefetch- +FDO
141: -QxK -O3 -Qip -Qprefetch-
145: -Qipo_wp -QaxK -O3 +FDO
146: -O3 -QxK -Qipo_wp -Qscalar_rep-
Tested systems can be used with Shin-G ATX case, Sparkle, Inc. Power Supply
Product description located as of 8/98:
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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