SPEC CFP95 Results

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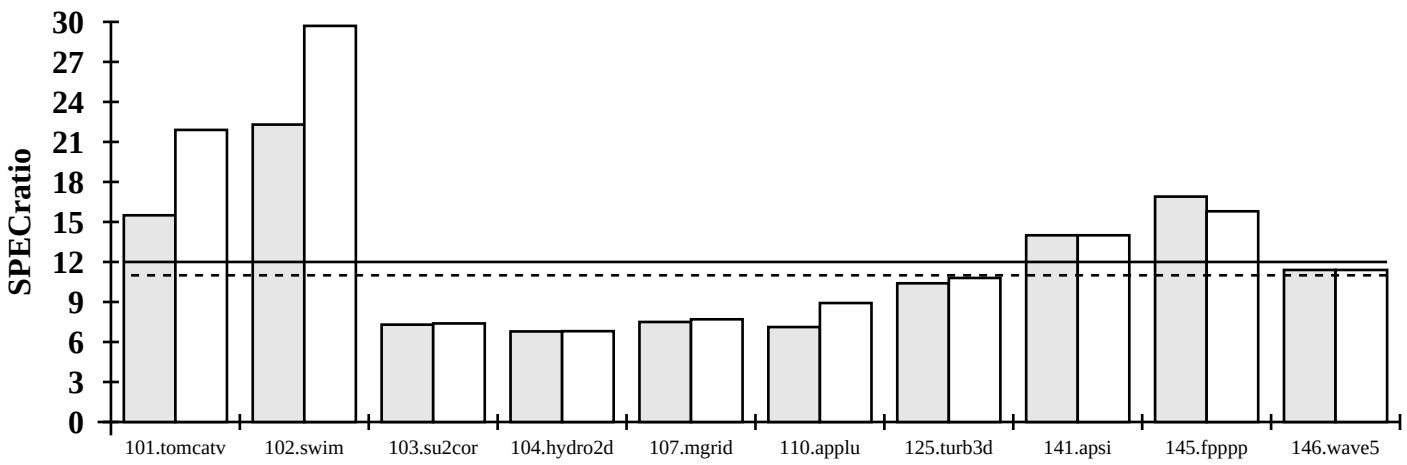
Intel Corporation
Intel SE440BX motherboard (400MHz, L2 ECC)

SPECfp95 = 12.0

SPECfp_base95 = 11.0

SPEC license # 14	Tested By: Intel Corporation	Test Date: Mar-98	Hardware Avail: Apr-98	Software Avail: Jul-97



Hardware/Software Configuration for:
Intel SE440BX motherboard (400MHz, L2 ECC)

Hardware

Model Name:	Intel SE440BX motherboard
CPU:	Pentium II processor 400MHz
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	16KBI+16KBD
Secondary Cache:	512KB (I+D) w/ECC
Other Cache:	None
Memory:	64MB
Disk Subsystem:	Seagate Cheetah 4.5GB, Adaptec 2940UW
Other Hardware:	Matrox Millenium II

Software

Operating System:	Microsoft Windows NT 4.0
Compiler:	Intel Fortran Compiler 2.4
File System:	NTFS
System State:	Default

Benchmark # and Name	Reference Time	Base Run Time	Base SPEC Ratio	Run Time	SPEC Ratio
101.tomcatv	3700	239	15.5	169	21.9
102.swim	8600	385	22.3	290	29.7
103.su2cor	1400	192	7.30	190	7.39
104.hydro2d	2400	353	6.79	353	6.81
107.mgrid	2500	333	7.50	325	7.70
110.applu	2200	309	7.12	247	8.92
125.turb3d	4100	394	10.4	380	10.8
141.apsi	2100	150	14.0	150	14.0
145.fpppp	9600	568	16.9	607	15.8
146.wave5	3000	263	11.4	263	11.4
SPECfp_base95 (G. Mean)			11.0		
		SPECfp95 (G. Mean)			12.0

Notes/Tuning Information

```
Flags: Base: -G6 -Qpc 64
Peak:
101: -G6 -Qpc 64 -Qpad -Qrct -Qpad_dim 5
102: -G6  -Qpad -Qpad_dim 2 -Qpc 32
103: -G6  -Qpad -Qrct -Qpc 64
104: -G6  -Qpc 64
107: -Qpad -Qpc 64 -QIfdiv-
110: -G6  -Qip -mP2OPT_opt_bblock_stat_limit=10000 -Qpc 64
125: -G6 -Qpc 64 -Qpad
141: -G6  -Qpc 64
145: -QIfdiv- -Qpc 64
146: -G6  -Qpc 64
The Intel Compiler 2.4 is shipped with VTune 2.4 - see http://developer.intel.com/
Tested system can be used with: Shin-G ATX Computer Case; Sparkle, Inc ATX Power Supply
Product description located as of 11/97 at:
http://developer.intel.com/design/motherbd/se/se_ds.htm
Motherboard is available through Intel OEM distribution channel. See:
http://www.intel.com/intel/contact/ for further information
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For More Information Contact: SPEC info@spec.org http://www.spec.org/

-- Prepared By: --