SPEC CFP95 Results

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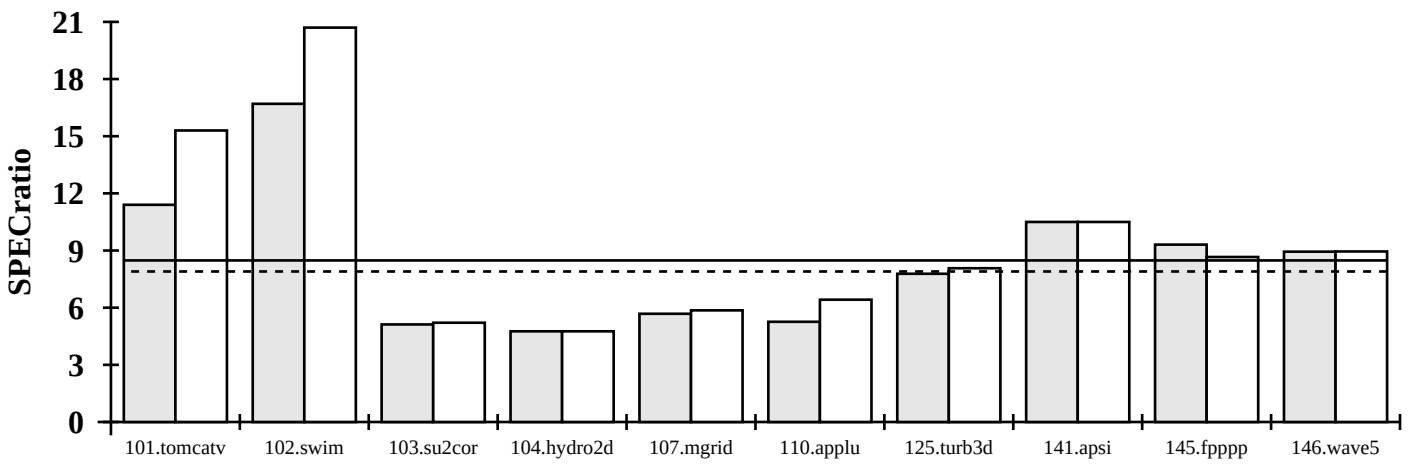
Intel Corporation
Intel AL440LX motherboard (300MHz, L2 ECC, NT)

SPECfp95 = 8.48

SPECfp_base95 = 7.90

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



Hardware/Software Configuration for:
Intel AL440LX motherboard (300MHz, L2 ECC, NT)

Hardware

Model Name:	Intel AL440LX motherboard
CPU:	300MHz Pentium II processor
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	16KBI+16KBD
Secondary Cache:	512KB(I+D)
Other Cache:	None
Memory:	64MB SDRAM
Disk Subsystem:	Seagate Cheetah
Other Hardware:	Adaptec AHA 2940UW

Software

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

Benchmark # and Name	Reference Time	Base Run Time	Base SPEC Ratio	Run Time	SPEC Ratio
101.tomcatv	3700	323	11.4	243	15.3
102.swim	8600	516	16.7	415	20.7
103.su2cor	1400	273	5.12	269	5.21
104.hydro2d	2400	504	4.76	504	4.76
107.mgrid	2500	440	5.68	427	5.86
110.applu	2200	419	5.26	343	6.42
125.turb3d	4100	527	7.78	508	8.07
141.apsi	2100	200	10.5	200	10.5
145.fpppp	9600	1031	9.31	1108	8.66
146.wave5	3000	336	8.94	335	8.95
SPECfp_base95 (G. Mean)			7.90		
		SPECfp95 (G. Mean)			8.48

Notes/Tuning Information

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Portability: 125: -Qlowercase 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 (8/97) at:
http://developer.intel.com/design/motherbd/al/al_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: --