SPEC CFP95rate Results

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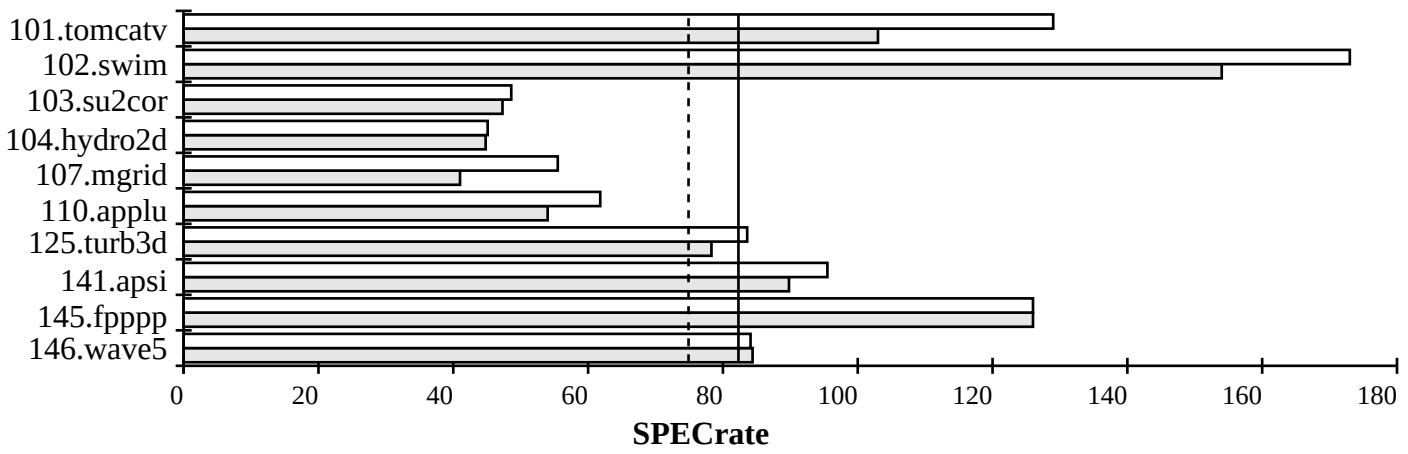
Intel Corporation
Intel AL440LX motherboard (333MHz, L2 w/ECC)

SPECfp_rate95	=	82.3
SPECfp_rate_base95	=	74.9

SPEC license # 13	Tested By: Intel	Test Date: Jan-98	Hardware Avail: Jan-98	Software Avail: Feb-96



Hardware/Software Configuration for:
Intel AL440LX motherboard (333MHz, L2 w/ECC)

Hardware

Model Name:	Intel AL440LX motherboard (333MHz, L2 w/ECC)
CPU:	333MHz Pentium II processor
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	16KBI+16KBD
Secondary Cache:	512KB(I+D) w/ ECC
Other Cache:	None
Memory:	64MB SDRAM
Disk Subsystem:	Quantum Fireball 1080 FBA
Other Hardware:	None

Software

Operating System:	UnixWare 2.0, UnixWare SDK
Compiler:	Intel FORTRAN Compiler V2.3
File System:	UFS
System State:	Single User

Benchmark # and Name	Base Copies	Base Run Time	Base SPEC Ratio	Copies	Run Time	SPEC Ratio
101.tomcatv	1	323	103	1	258	129
102.swim	1	504	154	1	447	173
103.su2cor	1	266	47.3	1	259	48.6
104.hydro2d	1	482	44.8	1	479	45.1
107.mgrid	1	549	41.0	1	405	55.5
110.applu	1	367	54.0	1	321	61.8
125.turb3d	1	471	78.3	1	441	83.6
141.apsi	1	210	89.8	1	198	95.5
145.fpppp	1	684	126	1	684	126
146.wave5	1	320	84.4	1	321	84.1
SPECfp_rate_base95 (G. Mean)			74.9			
SPECfp_rate95 (G. Mean)						82.3

Notes/Tuning Information

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Flags: Base: -tp p6 -ipo -pc 64 -mem
Peak:
101: -tp p6 -ipo -mem -pad -distype -fcon -pc 64
102: -tp p6 -ipo -pad -fcon -pc 64
103: Pass1: -tp p6 -prof_gen -ircdb_dir /proj/tmp/IRCDB
Pass2: -tp p6 -ip -mem -mil1 -pad -fcon -pc 64 -prof_use -ircdb_dir /proj/tmp/IRCDB
104: Pass1: -tp p6 -prof_gen -ircdb_dir /proj/tmp/IRCDB
Pass2: -tp p6 -ip -mem -mil1 -pc 64 -prof_use -ircdb_dir /proj/tmp/IRCDB
107: -tp p6 -pad -fcon -pc 64
110: -tp p6 -ipo -mem -mP2OPT_opt_bblock_stat_limit=10000 -pc 64
125: -tp p6 -ip -mem -mil1 -pad -fcon -pc 64
141: Pass1: -tp p6 -w -prof_gen -ircdb_dir /proj/tmp/IRCDB
Pass2: -tp p6 -pc 64 -prof_use -ircdb_dir /proj/tmp/IRCDB
145: -tp p6 -ipo  -pc 64
146: Pass1: -tp p6 -prof_gen -ircdb_dir /proj/tmp/IRCDB
Pass2: -tp p6 -ipo -mem -pad -distype -pc 64 -prof_use -ircdb_dir /proj/tmp/IRCDB
Tested system can be used with: Shin-G ATX Computer Case; Sparkle, Inc. ATX Power Supply
Product description located as of (1/98) at:
http://developer.intel.com/design/motherboard/al/al_ds.htm
Motherboard is available through Intel OEM distribution channels. See:
http://www.intel.com/intel/contact for further information
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-- Prepared By: --