SPEC CFP95 Results

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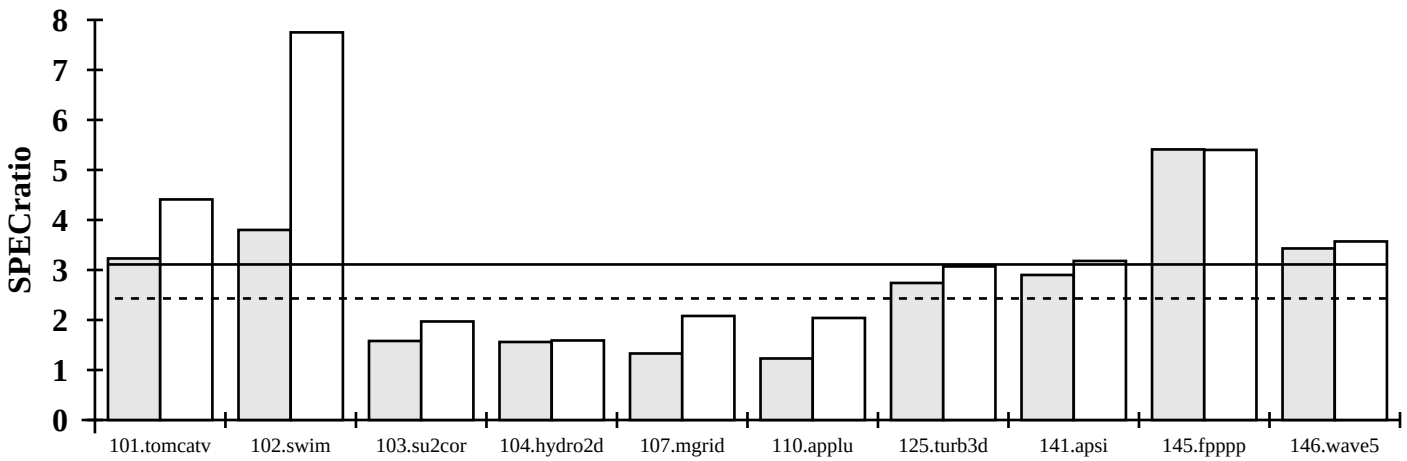
Intel Corporation
XXpress Deskside (150MHz)

SPECfp95 = 3.11

SPECfp_base95 = 2.43

SPEC license # 14	Tested By: Intel	Test Date: May-96	Hardware Avail: Jan-96	Software Avail: Mar-96



Hardware/Software Configuration for:
XXpress Deskside (150MHz)

Hardware

Model Name:	XXpress
CPU:	150MHz Pentium processor
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	8KBI+8KBD
Secondary Cache:	1MB(I+D)
Other Cache:	None
Memory:	64MB (EDO)
Disk Subsystem:	2x973MB Seagate ST 31250W
Other Hardware:	AIC 7870 PCI (onboard)

Software

Operating System:	UnixWare 2.0, UnixWare SDK
Compiler:	Intel FORTRAN Reference Compiler 2.3
File System:	UFS (/tmp as 8MB /tmpfs)
System State:	Single User (root + killall)

Benchmark # and Name	Reference Time	Base Run Time	Base SPEC Ratio	Run Time	SPEC Ratio
101.tomcatv	3700	1145	3.23	839	4.41
102.swim	8600	2264	3.80	1110	7.75
103.su2cor	1400	888	1.58	709	1.97
104.hydro2d	2400	1535	1.56	1513	1.59
107.mgrid	2500	1885	1.33	1201	2.08
110.applu	2200	1792	1.23	1081	2.04
125.turb3d	4100	1494	2.74	1336	3.07
141.apsi	2100	724	2.90	660	3.18
145.fpppp	9600	1776	5.41	1777	5.40
146.wave5	3000	874	3.43	839	3.57
SPECfp_base95 (G. Mean)			2.43		
		SPECfp95 (G. Mean)			3.11

Notes/Tuning Information

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Flags: Base: -tp p5 -ipo -pc 64 -nofdiv_check
Peak:
101: -tp p5 -ipo -mem -pad -distype -fcon -pc 64 -nofdiv_check
102: -tp p5 -ipo -pad -fcon -pc 64 -nofdiv_check
103: Pass1: -tp p5 -prof_gen -ircdb_dir /tmp/IRCDB
Pass2: -tp p5 -ip -mem -mil1 -pad -fcon -pc 64 -nofdiv_check -prof_use -ircdb_dir /tmp/IRCDB
104: Pass1: -tp p5 -prof_gen -ircdb_dir /tmp/IRCDB
Pass2: -tp p5 -nofdiv_check -ip -mem -mil1 -pc 64 -prof_use -ircdb_dir /tmp/IRCDB
107: -tp p5 -pad -fcon -pc 64 -nofdiv_check
110: -tp p5 -ipo -mem -mP2OPT_opt_bblock_stat_limit=10000 -pc 64 -nofdiv_check
125: -tp p5 -ip -mem -mil1 -pad -fcon -pc 64 -nofdiv_check
141: Pass1: -tp p5 -w -prof_gen -ircdb_dir /tmp/IRCDB
Pass2: -tp p5 -nofdiv_check -pc 64 -prof_use -ircdb_dir /tmp/IRCDB
145: -tp p5 -ipo  -pc 64 -nofdiv_check
146: Pass1: -tp p5 -prof_gen -ircdb_dir /tmp/IRCDB
Pass2: -tp p5 -nofdiv_check -ipo -mem -pad -distype -pc 64 -prof_use -ircdb_dir /tmp/IRCDB
Two processor module; 2nd processor disabled with UnixWare "psradm" command
180MHz processor clocked down to 150MHz for testing
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