SPEC CFP95 Results

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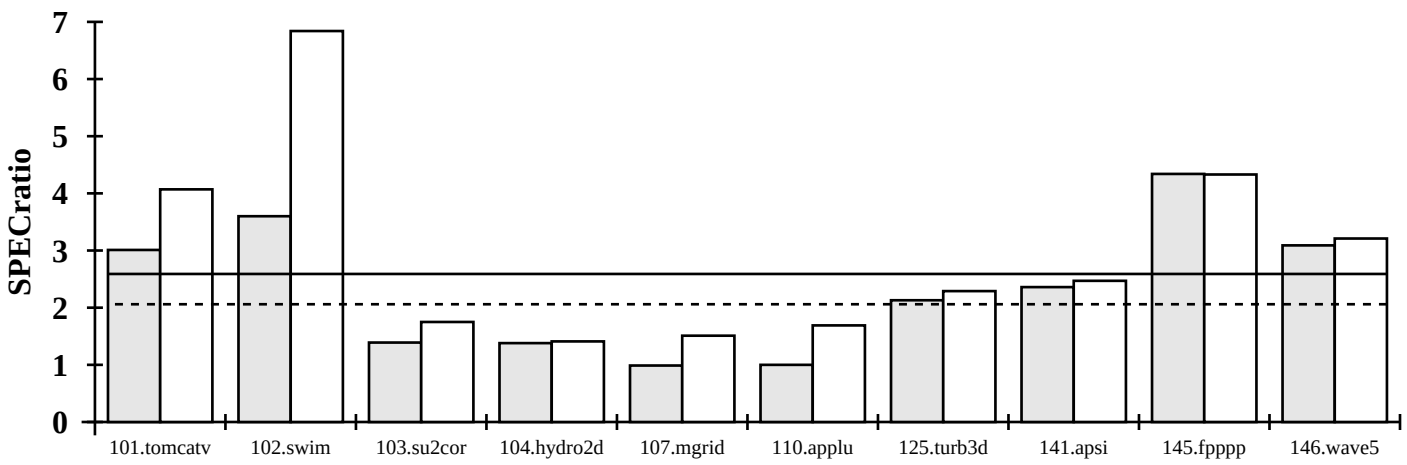
Intel Corporation
XXpress Deskside (815\100, 1MB L2)

SPECfp95 = 2.59

SPECfp_base95 = 2.06

SPEC license # 14 | Tested By: Intel | Test Date: Sep-95 | Hardware Avail: Jun-95 | Software Avail: Feb-96



Hardware/Software Configuration for:
XXpress Deskside (815\100, 1MB L2)

Hardware

Model Name:	XXpress
CPU:	100MHz Pentium Processor
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	8KBI+8KBD
Secondary Cache:	1MB(I+D)
Other Cache:	None
Memory:	64MB (70ns fast page)
Disk Subsystem:	2x973MB Seagate ST 31250W
Other Hardware:	AIC 7870 PCI (onboard)

Software

Operating System:	UnixWare 2.0, SDK
Compiler:	Intel FORTRAN Reference Compiler 2.2 Beta
File System:	ufs, vxfs (/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	1231	3.01	909	4.07
102.swim	8600	2390	3.60	1258	6.84
103.su2cor	1400	1009	1.39	799	1.75
104.hydro2d	2400	1740	1.38	1699	1.41
107.mgrid	2500	2532	0.988	1660	1.51
110.applu	2200	2193	1.00	1304	1.69
125.turb3d	4100	1928	2.13	1793	2.29
141.apsi	2100	892	2.36	849	2.47
145.fpppp	9600	2210	4.34	2215	4.33
146.wave5	3000	972	3.09	935	3.21
SPECfp_base95 (G. Mean)			2.06		
		SPECfp95 (G. Mean)			2.59

Notes/Tuning Information

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Flags: Base: -tp p5 -ipo -pc 64 -nofdiv_check
Non-base:
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: -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
```

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