SPEC CFP95 Results

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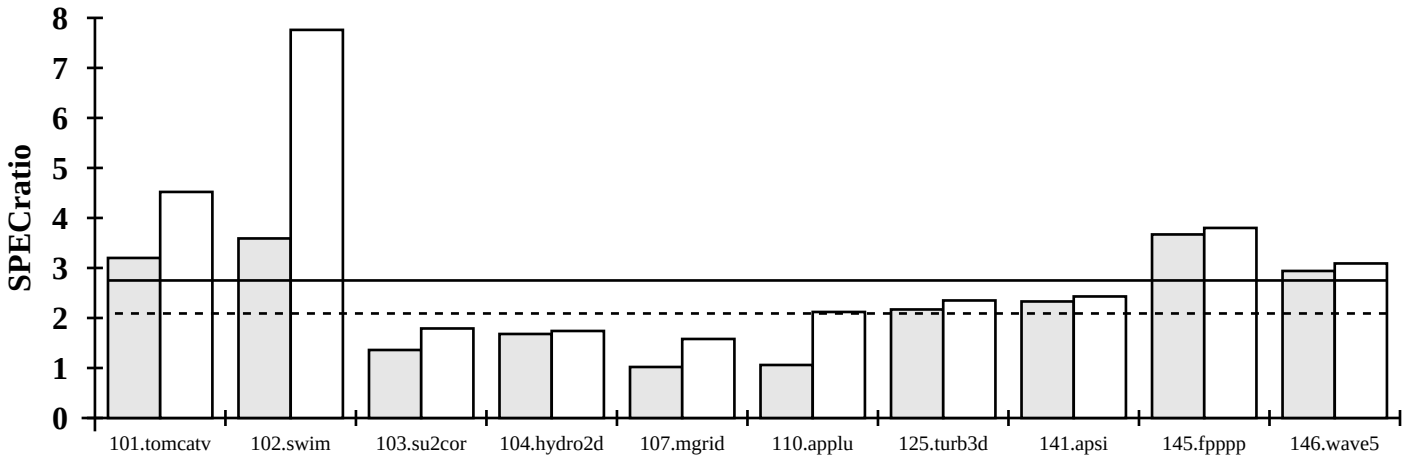
Dell Computer Corporation
Dell Dimension XPS (100MHz)

SPECfp95 = 2.75

SPECfp_base95 = 2.09

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



Hardware/Software Configuration for:
Dell Dimension XPS (100MHz)

Hardware

Model Name:	XPS
CPU:	100MHz Pentium Processor
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	8KBI+8KBD
Secondary Cache:	512KB(I+D) (burst)
Other Cache:	None
Memory:	64MB (EDO)
Disk Subsystem:	2x973MB Seagate ST 31250W
Other Hardware:	AHA 2940W PCI SCSI

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	1158	3.20	819	4.52
102.swim	8600	2394	3.59	1108	7.76
103.su2cor	1400	1029	1.36	783	1.79
104.hydro2d	2400	1425	1.68	1376	1.74
107.mgrid	2500	2448	1.02	1585	1.58
110.applu	2200	2066	1.06	1039	2.12
125.turb3d	4100	1892	2.17	1745	2.35
141.apsi	2100	902	2.33	865	2.43
145.fpppp	9600	2613	3.67	2524	3.80
146.wave5	3000	1022	2.94	972	3.09
SPECfp_base95 (G. Mean)			2.09		
		SPECfp95 (G. Mean)			2.75

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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