SPEC CFP95rate Results

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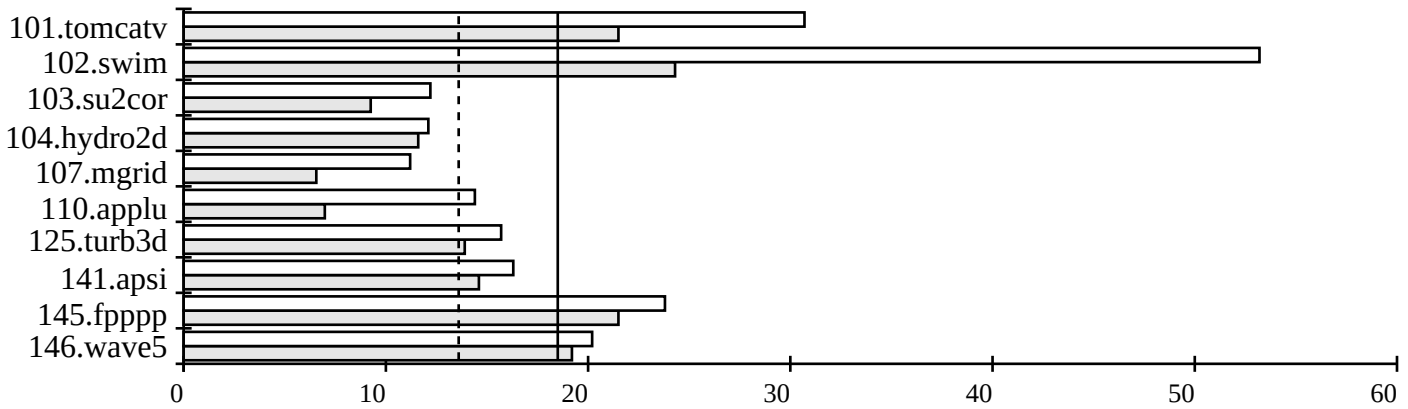
Dell Computer Corporation
Dell Dimension XPS (75MHz)

SPECfp_rate95 = 18.5

SPECfp_rate_base95 = 13.6

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



Hardware/Software Configuration for:
Dell Dimension XPS (75MHz)

Hardware

Model Name:	XPS
CPU:	75MHz 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:	1MB IDE Quantum Fireball
Other Hardware:	Integrated EIDE disk controller

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	Base Copies	Base Run Time	Base SPEC Ratio	Copies	Run Time	SPEC Ratio
101.tomcatv	1	1551	21.5	1	1085	30.7
102.swim	1	3188	24.3	1	1455	53.2
103.su2cor	1	1362	9.25	1	1035	12.2
104.hydro2d	1	1862	11.6	1	1780	12.1
107.mgrid	1	3428	6.56	1	2009	11.2
110.applu	1	2837	6.98	1	1378	14.4
125.turb3d	1	2652	13.9	1	2350	15.7
141.apsi	1	1295	14.6	1	1157	16.3
145.fpppp	1	4015	21.5	1	3624	23.8
146.wave5	1	1408	19.2	1	1336	20.2
SPECfp_rate_base95 (G. Mean)			13.6			
			SPECfp_rate95 (G. Mean)			18.5

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
```

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-- Prepared By: --