SPEC CFP95 Results

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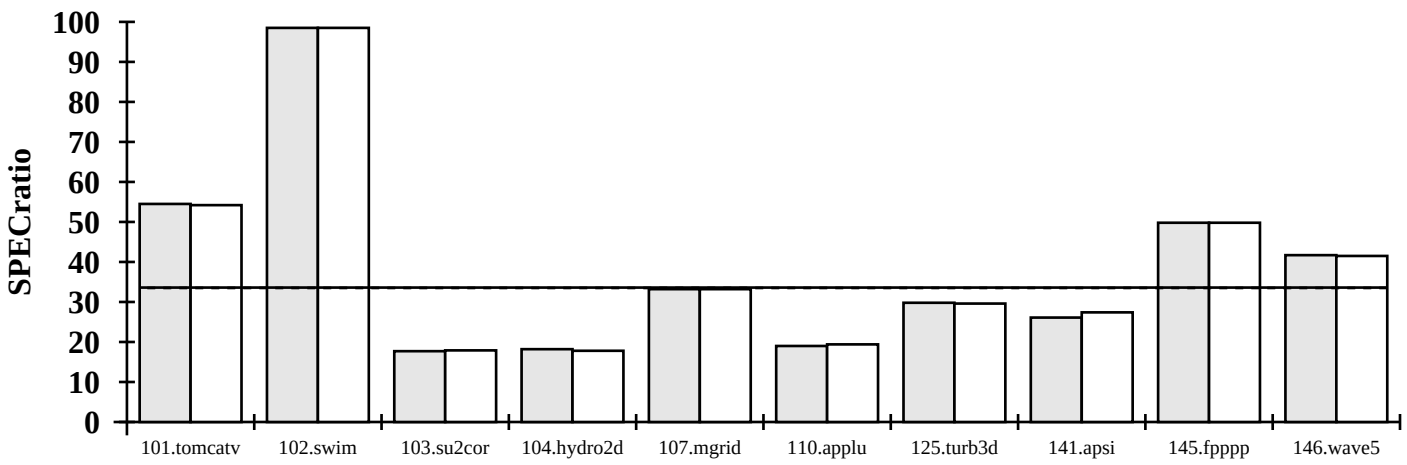
Dell Computer Corporation
Precision WorkStation 420

SPECfp95 = 33.6

SPECfp_base95 = 33.5

SPEC license # 55 | Tested By: Dell, Round Rock, TX | Test Date: Mar-2000 | Hardware Avail: Mar-2000 | Software Avail: Feb-2000



Hardware/Software Configuration for:
Precision WorkStation 420

Hardware

Model Name:	Precision WorkStation 420
CPU:	866 MHz Pentium III processor
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	16KBI+16KBD
Secondary Cache:	256KB(I+D) ECC
Other Cache:	None
Memory:	256MB ECC PC800 RDRAM
Disk Subsystem:	Quantum Atlas 10K Ultra3
Other Hardware:	

Software

Operating System:	Microsoft Windows NT 4.0 (SP5)
Compiler:	Intel Fortran Compiler 4.5, Microsoft Visual C++ 6.0 (for libraries), MicroQuill SmartHeap Library 5.0
File System:	NTFS
System State:	Default

Benchmark # and Name	Reference Time	Base Run Time	Base SPEC Ratio	Run Time	SPEC Ratio
101.tomcatv	3700	67.9	54.5	68	54.2
102.swim	8600	87.3	98.5	87	98.5
103.su2cor	1400	79.2	17.7	78	17.9
104.hydro2d	2400	132	18.2	135	17.8
107.mgrid	2500	75.4	33.2	75	33.2
110.applu	2200	116	19.0	114	19.4
125.turb3d	4100	137	29.8	138	29.6
141.apsi	2100	80.3	26.1	77	27.4
145.fpppp	9600	193	49.8	193	49.8
146.wave5	3000	71.9	41.7	72	41.5
SPECfp_base95 (G. Mean)			33.5		
		SPECfp95 (G. Mean)			33.6

Notes/Tuning Information

```
+FDO: PASS1=-Qprof_gen -Qprof_dir c:/temp/IRCDB PASS2=-Qprof_use
Base flags: -Qipo_wp -QaxK -O3 +FDO
-Qprof_dir is a location flag and not an optimization flag
Peak flags:
101: -QaxK -O3 -Qrcd -Qip -Qipo_wp -Qscalar_rep- +FDO
102: -QxK -O3 -Qpc 32 -Qipo_wp
103: -QxK -O3 -Qip -Qipo_wp
104: -QxK -O3 -Qip -Qscalar_rep- -Qipo_wp +FDO
107: -QaxK -O3 -Qip +FDO
110: -Qipo_wp +FDO
125: -QaxK -O3 -Qrcd -Qip -Qprefetch- +FDO
141: -QxK -O3 -Qip -Qprefetch-
145: -Qipo_wp -QaxK -O3 +FDO
146: -O3 -QxK -Qipo_wp -Qscalar_rep-
Microsoft Visual C++ 6.0 is also for libraries
133 MHz front side bus
```