SPEC CFP95 Results

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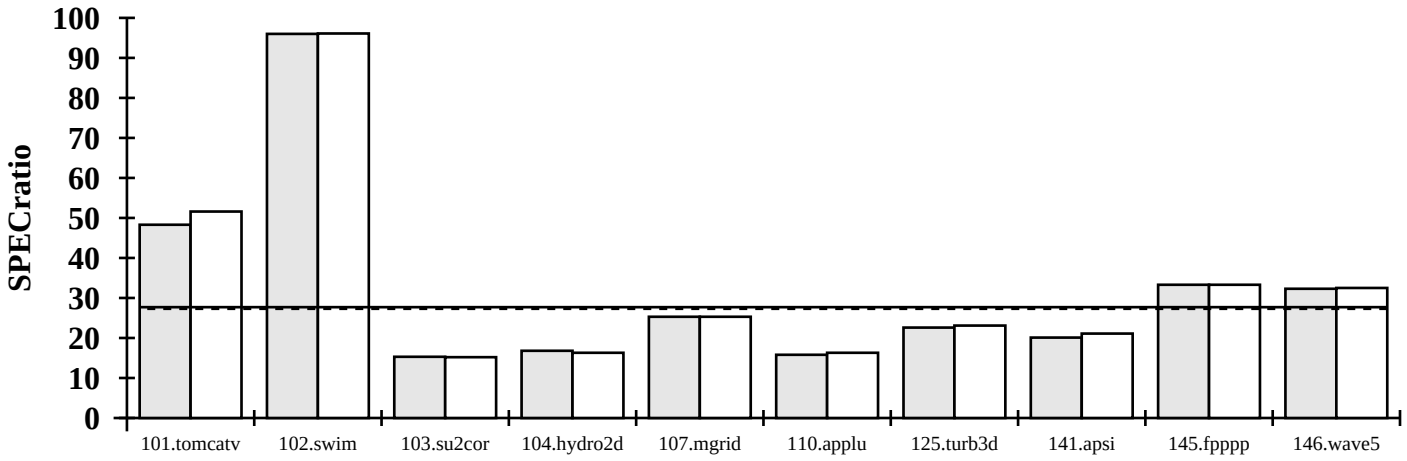
Dell Computer Corporation
Precision WorkStation 420 (600 MHz)

SPECfp95 = 27.7

SPECfp_base95 = 27.3

SPEC license # 55	Tested By: Arrian Mehis	Test Date: Nov-99	Hardware Avail: Dec-99	Software Avail: Dec-99



Hardware/Software Configuration for:
Precision WorkStation 420 (600 MHz)

Hardware

Model Name:	Precision WorkStation 420 (600 MHz)
CPU:	Pentium III processor (600 MHz)
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:	SCSI
Other Hardware:	

Software

Operating System:	Microsoft Windows NT 4.0(SVP 5.0)
Compiler:	Intel Fortran Compiler 4.5
File System:	(Fill in as appropriate)
System State:	

Benchmark # and Name	Reference Time	Base Run Time	Base SPEC Ratio	Run Time	SPEC Ratio
101.tomcatv	3700	76.7	48.3	72	51.6
102.swim	8600	89.6	96.0	90	96.1
103.su2cor	1400	91.7	15.3	92	15.2
104.hydro2d	2400	143	16.8	147	16.3
107.mgrid	2500	98.7	25.3	99	25.3
110.applu	2200	139	15.8	135	16.3
125.turb3d	4100	181	22.6	177	23.1
141.apsi	2100	105	20.1	99	21.1
145.fpppp	9600	289	33.3	289	33.3
146.wave5	3000	92.8	32.3	92	32.5
SPECfp_base95 (G. Mean)			27.3		
		SPECfp95 (G. Mean)			27.7

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-
```