SPEC CFP95 Results

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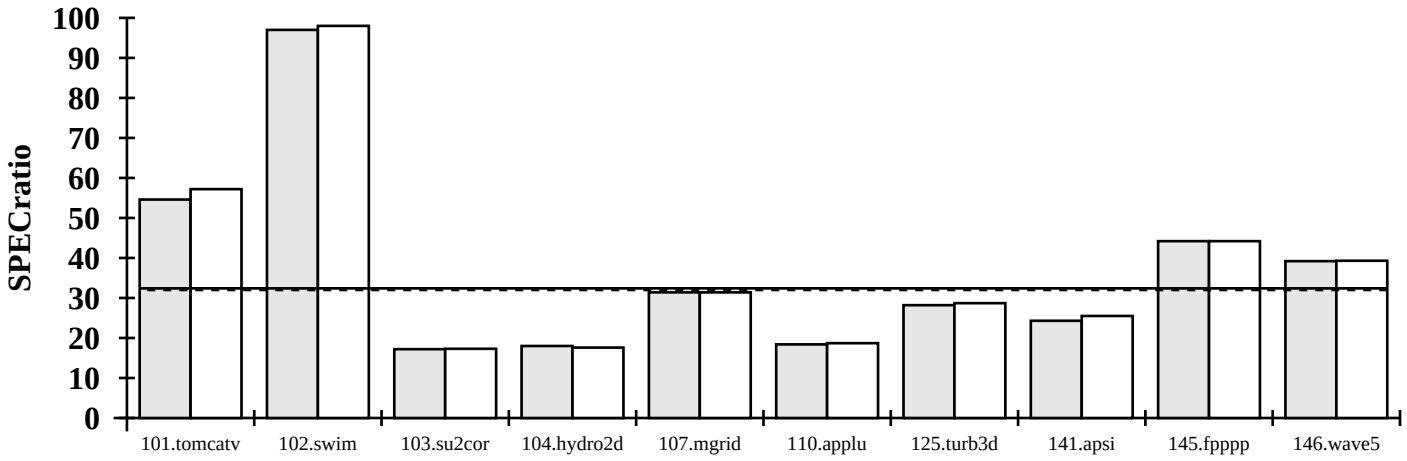
Dell Computer Corporation
Precision WorkStation 420 (800 MHz)

SPECfp95 = 32.4

SPECfp_base95 = 32.0

SPEC license # 55 | Tested By: Dell Computer Corporation | Test Date: Jan-2000 | Hardware Avail: Jan-2000 | Software Avail: Feb-2000



Hardware/Software Configuration for:
Precision WorkStation 420 (800 MHz)

Hardware

Model Name:	Precision WorkStation 420 (800 MHz)
CPU:	Pentium III processor (800 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:	1 x SCSI Quantum Atlas 10K 18.2 GB
Other Hardware:	

Software

Operating System:	Microsoft Windows NT 4.0 (SVP 5.0)
Compiler:	Intel Fortran Compiler 4.5 for Windows NT 4.00, Microsoft Visual C++ 6.0(for libraries)
File System:	NTFS
System State:	Default

Benchmark # and Name	Reference Time	Base Run Time	Base SPEC Ratio	Run Time	SPEC Ratio
101.tomcatv	3700	67.8	54.6	65	57.2
102.swim	8600	88.7	97.0	88	98.0
103.su2cor	1400	81.5	17.2	81	17.3
104.hydro2d	2400	133	18.0	136	17.6
107.mgrid	2500	79.7	31.4	80	31.4
110.applu	2200	120	18.4	118	18.7
125.turb3d	4100	145	28.2	143	28.7
141.apsi	2100	86.3	24.3	82	25.5
145.fpppp	9600	217	44.2	217	44.2
146.wave5	3000	76.6	39.2	76	39.3
SPECfp_base95 (G. Mean)			32.0		
		SPECfp95 (G. Mean)			32.4

Notes/Tuning Information

```
+FDO: PASS1=-Qprof_gen -Qprof_dir c:/temp/IRCDB PASS2=-Qprof_use -Qprof_dir c:/temp/IRCDB
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 installed for libraries
```

For More Information Contact: SPEC info@spec.org http://www.spec.org/

-- Prepared By: --