SPEC CFP95 Results

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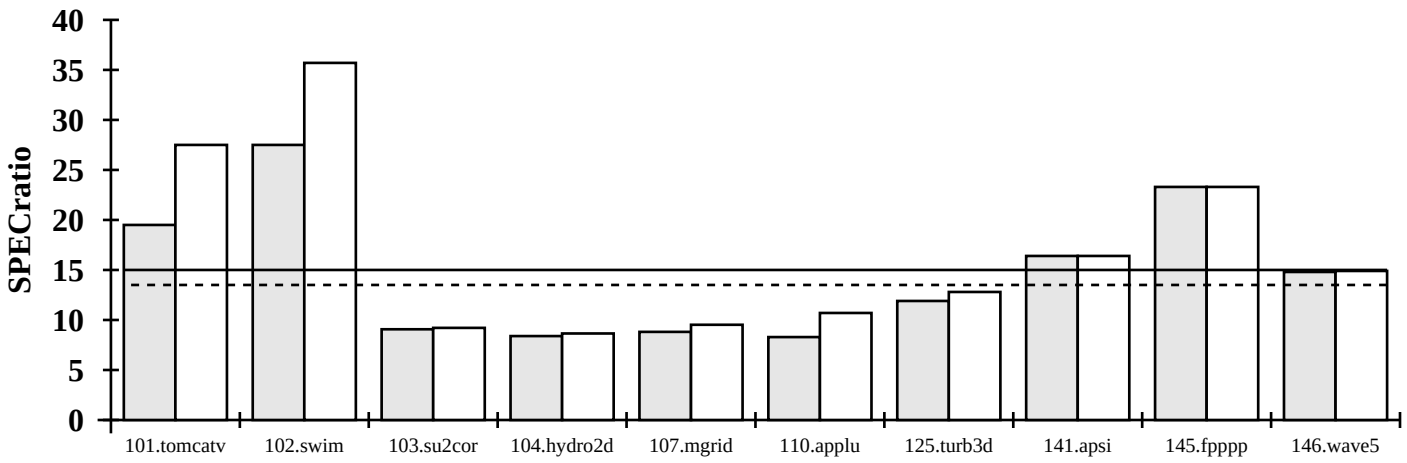
Siemens AG
CELSIUS 2000

SPECfp95 = 15.0

SPECfp_base95 = 13.5

SPEC license # 22	Tested By: Siemens, Germany	Test Date: Jan-99	Hardware Avail: Nov-98	Software Avail: Aug-97



Hardware/Software Configuration for:
CELSIUS 2000

Hardware

Model Name:	CELSIUS 2000
CPU:	Pentium II Xeon Processor 450 MHz
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	16KBI+16KBD
Secondary Cache:	512KB(I+D) w/ECC
Other Cache:	None
Memory:	256MB SDRAM
Disk Subsystem:	1 x 4 GB, 1 x 9 GB
Other Hardware:	None

Software

Operating System:	Windows NT V4.0 (Service Pack 4)
Compiler:	Intel Fortran Compiler Plug-In 2.4
File System:	NTFS
System State:	Default

Benchmark # and Name	Reference Time	Base Run Time	Base SPEC Ratio	Run Time	SPEC Ratio
101.tomcatv	3700	190	19.5	135	27.5
102.swim	8600	313	27.5	241	35.7
103.su2cor	1400	154	9.07	152	9.21
104.hydro2d	2400	286	8.39	277	8.65
107.mgrid	2500	284	8.81	263	9.52
110.applu	2200	265	8.29	206	10.7
125.turb3d	4100	344	11.9	320	12.8
141.apsi	2100	128	16.4	128	16.4
145.fpppp	9600	411	23.3	411	23.3
146.wave5	3000	203	14.8	202	14.9
SPECfp_base95 (G. Mean)			13.5		
		SPECfp95 (G. Mean)			15.0

Notes/Tuning Information

```
Portability Flag for 125.turb3d: -Qlowercase
Flags Base: /G6 /Qpc64
Flags Peak:
101.tomcatv:  /G6 /Qpc64 -Qpad -Qrct -Qpad_dim 5
102.swim: /G6 /Qpad /Qpc32 /Qpad_dim 2
103.su2cor: /G6 /Qpc64 /Qmem
104.hydro2d: /G6 /Qpc64 /Qmem
107.mgrid:  /Qpad /Qpc64 /QIfdiv-
110.applu: /G6 /Qip /Qpc64 -mP2OPT_opt_bblock_stat_limit=10000 /Qmem
125.turb3d: /G6 /Qmem /Qpad /Qpc64 /Oi /Qrct
146.wave5: /G6 /Qpc64 /Qmem
all other benchmarks use /G6 /Qpc64 (same as baseline)
```